

SEQUENCE LISTING

<110> Blaschuk, Orest W.
Symonds, James Matthew
Gour, Barbara J.

<120> COMPOUNDS AND METHODS FOR MODULATING NONCLASSICAL
CADHERIN-MEDIATED FUNCTIONS

<130> 100086.407C7

<140> US
<141> 2001-12-03

<160> 4052

<170> PatentIn Ver. 2.0

<210> 1
<211> 5
<212> PRT
<213> Unknown

<220>
<221> VARIANT
<222> (2)
<223> Where Xaa is any amino acid

<220>
<223> Description of Unknown Organism: Calcium Binding
Motif in Extracellular domains of Classical
Cadherins

<400> 1
Asp Xaa Asn Asp Asn
1 5

<210> 2
<211> 4
<212> PRT
<213> Unknown

<220>
<223> Description of Unknown Organism: Calcium Binding
Motif in Extracellular domains of Classical
Cadherins

<400> 2
Leu Asp Arg Glu
1

<210> 3
<211> 9
<212> PRT
<213> Unknown

<220>
<221> VARIANT
<222> (1)

100086.407C7

$\langle 220 \rangle$

$\langle 222 \rangle$ (3)

 $\langle 220 \rangle$

<221> VARIANT

<222> (4)

<220>

<221> VARIANT

<222> (5)

 $\langle 220 \rangle$

<221> VARIANT

<222> (6)

<220>

<221> VARIANT

 $\langle 222 \rangle$ (7) $\langle 220 \rangle$

<221> VARIANT

$\langle 222 \rangle$ (8)

 $\langle 220 \rangle$

<400> 3

1

5

<210> 4

 $\langle 211 \rangle$ 110

<212> PRT

<400> 4

1

5

10

15

20

25

30

35

40

45

50

55

60

Lys Thr Leu Asp Arg Glu Glu Arg Ala Gln Tyr Thr Leu Met Ala Gln


```
<210> 5
<211> 109
<212> PRT
<213> Homo sapiens
```

```
<210> 6
<211> 108
<212> PRT
<213> Homo sapiens
```

| | | | | | | | | | | | | | | | |
|---------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| <400> 6 | | | | | | | | | | | | | | | |
| Arg | Gln | Lys | Arg | Asp | Trp | Ile | Trp | Asn | Gln | Met | His | Ile | Asp | Glu | Glu |
| 1 | | | | 5 | | | | | 10 | | | | | 15 | |
| Lys | Asn | Thr | Ser | Leu | Pro | His | His | Val | Gly | Lys | Ile | Lys | Ser | Ser | Val |
| | | | 20 | | | | | 25 | | | | | 30 | | |
| Ser | Arg | Lys | Asn | Ala | Lys | Tyr | Leu | Leu | Lys | Gly | Glu | Tyr | Val | Gly | Lys |
| | | 35 | | | | | 40 | | | | | 45 | | | |
| Val | Phe | Arg | Val | Asp | Ala | Glu | Thr | Gly | Asp | Val | Phe | Ala | Ile | Glu | Arg |
| | 50 | | | | | 55 | | | | | 60 | | | | |
| Leu | Asp | Arg | Glu | Asn | Ile | Ser | Glu | Tyr | His | Leu | Thr | Ala | Val | Ile | Val |
| 65 | | | | | 70 | | | | | 75 | | | | | 80 |
| Asp | Lys | Asp | Thr | Gly | Glu | Asn | Leu | Glu | Thr | Pro | Ser | Ser | Phe | Thr | Ile |
| | | | | 85 | | | | | 90 | | | | | 95 | |

Lys Val His Asp Val Asn Asp Asn Trp Pro Val Phe
 100 105

<210> 7
 <211> 110
 <212> PRT
 <213> Homo sapiens

<400> 7
 Arg Ser Lys Arg Ser Trp Met Trp Asn Gln Phe Phe Leu Leu Glu Glu
 1 5 10 15
 Tyr Thr Gly Ser Asp Tyr Gln Tyr Val Gly Lys Leu His Ser Asp Gln
 20 25 30
 Asp Arg Gly Asp Gly Ser Leu Lys Tyr Ile Leu Ser Gly Asp Gly Ala
 35 40 45
 Gly Asp Leu Phe Ile Ile Asn Glu Asn Thr Gly Asp Ile Gln Ala Thr
 50 55 60
 Lys Arg Leu Asp Arg Glu Glu Lys Pro Val Tyr Ile Leu Arg Ala Gln
 65 70 75 80
 Ala Ile Asn Arg Arg Thr Gly Arg Pro Val Glu Pro Glu Ser Glu Phe
 85 90 95
 Ile Ile Lys Ile His Asp Ile Asn Asp Asn Glu Pro Ile Phe
 100 105 110

<210> 8
 <211> 109
 <212> PRT
 <213> Homo sapiens

<400> 8
 Thr Lys Glu Val Tyr Thr Ala Thr Val Pro Glu Met Ser Asp Val Gly
 1 5 10 15
 Thr Phe Val Val Gln Val Thr Ala Thr Asp Ala Asp Asp Pro Thr Tyr
 20 25 30
 Gly Asn Ser Ala Lys Val Val Tyr Ser Ile Leu Gln Gly Gln Pro Tyr
 35 40 45
 Phe Ser Val Glu Ser Glu Thr Gly Ile Ile Lys Thr Ala Leu Leu Asn
 50 55 60
 Met Asp Arg Glu Asn Arg Glu Gln Tyr Gln Val Val Ile Gln Ala Lys
 65 70 75 80
 Asp Met Gly Gly Gln Met Gly Gly Leu Ser Gly Thr Thr Thr Val Asn
 85 90 95
 Ile Thr Leu Thr Asp Val Asn Asp Asn Pro Pro Arg Phe
 100 105

<210> 9

1006669-420304

<211> 105
 <212> PRT
 <213> Homo sapiens

<400> 9
 Ser Lys Leu Ala Tyr Ile Leu Gln Ile Arg Glu Asp Ala Gln Ile Asn
 1 5 10 15
 Thr Thr Ile Gly Ser Val Thr Ala Gln Asp Pro Asp Ala Ala Arg Asn
 20 25 30
 Pro Val Lys Tyr Ser Val Asp Arg His Thr Asp Met Asp Arg Ile Phe
 35 40 45
 Asn Ile Asp Ser Gly Asn Gly Ser Ile Phe Thr Ser Lys Leu Leu Asp
 50 55 60
 Arg Glu Thr Leu Leu Trp His Asn Ile Thr Val Ile Ala Thr Glu Ile
 65 70 75 80
 Asn Asn Pro Lys Gln Ser Ser Arg Val Pro Leu Tyr Ile Lys Val Leu
 85 90 95
 Asp Val Asn Asp Asn Ala Pro Glu Phe
 100 105

<210> 10
 <211> 110
 <212> PRT
 <213> Gallus gallus

<400> 10
 Arg Thr Lys Arg Ser Trp Val Trp Asn Gln Phe Phe Val Leu Glu Glu
 1 5 10 15
 Tyr Met Gly Ser Asp Pro Leu Tyr Val Gly Lys Leu His Ser Asp Val
 20 25 30
 Asp Lys Gly Asp Gly Ser Ile Lys Tyr Ile Leu Ser Gly Glu Gly Ala
 35 40 45
 Ser Ser Ile Phe Ile Ile Asp Glu Asn Thr Gly Asp Ile His Ala Thr
 50 55 60
 Lys Arg Leu Asp Arg Glu Glu Gln Ala Tyr Tyr Thr Leu Arg Ala Gln
 65 70 75 80
 Ala His Asp Arg Leu Thr Asn Lys Pro Val Glu Pro Glu Ser Glu Phe
 85 90 95
 Val Ile Lys Ile Gln Asp Ile Asn Asp Asn Glu Pro Lys Phe
 100 105 110

<210> 11
 <211> 109
 <212> PRT
 <213> Gallus gallus

<400> 11

100669-4000

Leu Asp Gly Pro Tyr Thr Ala Gly Val Pro Glu Met Ser Pro Val Gly
 1 5 10 15
 Thr Ser Val Val Gln Val Thr Ala Thr Asp Ala Asp Asp Pro Thr Tyr
 20 25 30
 Gly Asn Ser Ala Arg Val Val Tyr Ser Ile Leu Gln Gly Gln Pro Tyr
 35 40 45
 Phe Ser Val Glu Pro Lys Thr Gly Ile Ile Lys Thr Ala Leu Pro Asn
 50 55 60
 Met Asp Arg Glu Ala Lys Asp Gln Tyr Leu Leu Val Ile Gln Ala Lys
 65 70 75 80
 Asp Met Val Gly Gln Asn Gly Gly Leu Ser Gly Thr Thr Ser Val Thr
 85 90 95
 Val Thr Leu Thr Asp Val Asn Asp Asn Pro Pro Arg Phe
 100 105

<210> 12
 <211> 105
 <212> PRT
 <213> Gallus gallus

<400> 12
 Thr Ser Arg Leu Tyr Ser Met Val Val Ser Glu Ala Ala Lys Val Gly
 1 5 10 15
 Thr Ile Ile Gly Thr Val Ala Ala His Asp Pro Asp Ala Ser Asn Ser
 20 25 30
 Pro Val Arg Tyr Ser Ile Asp Arg Asn Thr Asp Leu Glu Arg Tyr Phe
 35 40 45
 Asn Ile Asp Ala Asn Ser Gly Val Ile Thr Thr Ala Lys Ser Leu Asp
 50 55 60
 Arg Glu Thr Asn Ala Val His Asn Ile Thr Val Leu Ala Met Glu Ser
 65 70 75 80
 Gln Asn Pro Ala Gln Ile Gly Arg Gly Tyr Val Ala Ile Thr Ile Leu
 85 90 95
 Asp Ile Asn Asp Asn Ala Pro Glu Phe
 100 105

<210> 13
 <211> 110
 <212> PRT
 <213> Homo sapiens

<400> 13
 Arg Ser Lys Arg Gly Trp Val Trp Asn Gln Met Phe Val Leu Glu Glu
 1 5 10 15
 Phe Ser Gly Pro Glu Pro Ile Leu Val Gly Arg Leu His Thr Asp Leu
 20 25 30

1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26
27
28
29
30
31
32
33
34
35
36
37
38
39
40
41
42
43
44
45
46
47
48
49
50
51
52
53
54
55
56
57
58
59
60
61
62
63
64
65
66
67
68
69
70
71
72
73
74
75
76
77
78
79
80
81
82
83
84
85
86
87
88
89
90
91
92
93
94
95
96
97
98
99
100
101
102
103
104
105
106
107
108
109
110
111
112
113
114
115
116
117
118
119
120
121
122
123
124
125
126
127
128
129
130
131
132
133
134
135
136
137
138
139
140
141
142
143
144
145
146
147
148
149
150
151
152
153
154
155
156
157
158
159
160
161
162
163
164
165
166
167
168
169
170
171
172
173
174
175
176
177
178
179
180
181
182
183
184
185
186
187
188
189
190
191
192
193
194
195
196
197
198
199
200
201
202
203
204
205
206
207
208
209
210
211
212
213
214
215
216
217
218
219
220
221
222
223
224
225
226
227
228
229
230
231
232
233
234
235
236
237
238
239
240
241
242
243
244
245
246
247
248
249
250
251
252
253
254
255
256
257
258
259
260
261
262
263
264
265
266
267
268
269
270
271
272
273
274
275
276
277
278
279
280
281
282
283
284
285
286
287
288
289
290
291
292
293
294
295
296
297
298
299
300
301
302
303
304
305
306
307
308
309
310
311
312
313
314
315
316
317
318
319
320
321
322
323
324
325
326
327
328
329
330
331
332
333
334
335
336
337
338
339
340
341
342
343
344
345
346
347
348
349
350
351
352
353
354
355
356
357
358
359
360
361
362
363
364
365
366
367
368
369
370
371
372
373
374
375
376
377
378
379
380
381
382
383
384
385
386
387
388
389
390
391
392
393
394
395
396
397
398
399
400
401
402
403
404
405
406
407
408
409
410
411
412
413
414
415
416
417
418
419
420
421
422
423
424
425
426
427
428
429
430
431
432
433
434
435
436
437
438
439
440
441
442
443
444
445
446
447
448
449
450
451
452
453
454
455
456
457
458
459
460
461
462
463
464
465
466
467
468
469
470
471
472
473
474
475
476
477
478
479
480
481
482
483
484
485
486
487
488
489
490
491
492
493
494
495
496
497
498
499
500
501
502
503
504
505
506
507
508
509
510
511
512
513
514
515
516
517
518
519
520
521
522
523
524
525
526
527
528
529
530
531
532
533
534
535
536
537
538
539
540
541
542
543
544
545
546
547
548
549
550
551
552
553
554
555
556
557
558
559
560
561
562
563
564
565
566
567
568
569
570
571
572
573
574
575
576
577
578
579
580
581
582
583
584
585
586
587
588
589
590
591
592
593
594
595
596
597
598
599
600
601
602
603
604
605
606
607
608
609
610
611
612
613
614
615
616
617
618
619
620
621
622
623
624
625
626
627
628
629
630
631
632
633
634
635
636
637
638
639
640
641
642
643
644
645
646
647
648
649
650
651
652
653
654
655
656
657
658
659
660
661
662
663
664
665
666
667
668
669
670
671
672
673
674
675
676
677
678
679
680
681
682
683
684
685
686
687
688
689
690
691
692
693
694
695
696
697
698
699
700
701
702
703
704
705
706
707
708
709
710
711
712
713
714
715
716
717
718
719
720
721
722
723
724
725
726
727
728
729
730
731
732
733
734
735
736
737
738
739
740
741
742
743
744
745
746
747
748
749
750
751
752
753
754
755
756
757
758
759
760
761
762
763
764
765
766
767
768
769
770
771
772
773
774
775
776
777
778
779
780
781
782
783
784
785
786
787
788
789
790
791
792
793
794
795
796
797
798
799
800
801
802
803
804
805
806
807
808
809
810
811
812
813
814
815
816
817
818
819
820
821
822
823
824
825
826
827
828
829
830
831
832
833
834
835
836
837
838
839
840
841
842
843
844
845
846
847
848
849
850
851
852
853
854
855
856
857
858
859
860
861
862
863
864
865
866
867
868
869
870
871
872
873
874
875
876
877
878
879
880
881
882
883
884
885
886
887
888
889
890
891
892
893
894
895
896
897
898
899
900
901
902
903
904
905
906
907
908
909
910
911
912
913
914
915
916
917
918
919
920
921
922
923
924
925
926
927
928
929
930
931
932
933
934
935
936
937
938
939
940
941
942
943
944
945
946
947
948
949
950
951
952
953
954
955
956
957
958
959
960
961
962
963
964
965
966
967
968
969
970
971
972
973
974
975
976
977
978
979
980
981
982
983
984
985
986
987
988
989
990
991
992
993
994
995
996
997
998
999
1000

```
<210> 14
<211> 110
<212> PRT
<213> Homo sapiens
```

```
<210> 15
<211> 109
<212> PRT
<213> Homo sapiens
```

<400> 15
Leu Asp Gly Pro Tyr Val Ala Thr Val Pro Glu Met Ser Pro Val Gly
1 5 10 15
Ala Tyr Val Leu Gln Val Lys Ala Thr Asp Ala Asp Asp Pro Thr Tyr
20 25 30
Gly Asn Ser Ala Arg Val Val Tyr Ser Ile Leu Gln Gly Gln Pro Tyr
35 40 45
Phe Ser Ile Asp Pro Lys Thr Gly Val Ile Arg Thr Ala Leu Pro Asn

```
<210> 16
<211> 110
<212> PRT
<213> Homo sapiens
```

```
<210> 17
<211> 109
<212> PRT
<213> Homo sapiens
```

| | | | | | | | | | | | | | | | |
|----------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| <400> 17 | | | | | | | | | | | | | | | |
| Thr | Asp | Gly | Pro | Tyr | Ile | Val | Thr | Val | Pro | Glu | Met | Ser | Asp | Met | Gly |
| 1 | | | | 5 | | | | | 10 | | | | | 15 | |
| Thr | Ser | Val | Leu | Gln | Val | Thr | Ala | Thr | Asp | Ala | Asp | Asp | Pro | Thr | Tyr |
| | | | 20 | | | | | 25 | | | | | 30 | | |
| Gly | Asn | Ser | Ala | Arg | Val | Val | Tyr | Ser | Ile | Leu | Gln | Gly | Gln | Pro | Tyr |
| | | 35 | | | | | 40 | | | | | 45 | | | |
| Phe | Ser | Val | Asp | Pro | Lys | Thr | Gly | Val | Ile | Arg | Thr | Ala | Leu | His | Asn |
| | 50 | | | | | 55 | | | | | 60 | | | | |
| Met | Asp | Arg | Glu | Ala | Arg | Glu | His | Tyr | Ser | Val | Val | Ile | Gln | Ala | Lys |
| 65 | | | | | 70 | | | | | 75 | | | | | 80 |

Asp Met Ala Gly Gln Val Gly Gly Leu Ser Gly Ser Thr Thr Val Asn
85 90 95

Ile Thr Leu Thr Asp Val Asn Asp Asn Pro Pro Arg Phe
100 105

<210> 18
<211> 105
<212> PRT
<213> Homo sapiens

<400> 18
Ser Met Pro Ser Tyr Leu Met Glu Val Tyr Glu Asn Ala Lys Ile Gly
1 5 10 15

Thr Val Val Gly Thr Val Leu Ala Gln Asp Pro Asp Ser Thr Asn Ser
20 25 30

Leu Val Arg Tyr Phe Ile Asn Tyr Asn Val Glu Asp Asp Arg Phe Phe
35 40 45

Asn Ile Asp Ala Asn Thr Gly Thr Ile Arg Thr Thr Lys Val Leu Asp
50 55 60

Arg Glu Glu Thr Pro Trp Tyr Asn Ile Thr Val Thr Ala Ser Glu Ile
65 70 75 80

Asp Asn Pro Asp Leu Leu Ser His Val Thr Val Gly Ile Arg Val Leu
85 90 95

Asp Val Asn Asp Asn Pro Pro Glu Leu
100 105

<210> 19
<211> 111
<212> PRT
<213> Homo sapiens

<400> 19
Arg Val Arg Arg Ala Trp Val Ile Pro Pro Ile Ser Val Ser Glu Asn
1 5 10 15

His Lys Arg Leu Pro Tyr Pro Leu Val Gln Ile Lys Ser Asp Lys Gln
20 25 30

Gln Leu Gly Ser Val Ile Tyr Ser Ile Gln Gly Pro Gly Val Asp Glu
35 40 45

Glu Pro Arg Gly Val Phe Ser Ile Asp Lys Phe Thr Gly Lys Val Phe
50 55 60

Leu Asn Ala Met Leu Asp Arg Glu Lys Thr Asp Arg Phe Arg Leu Arg
65 70 75 80

Ala Phe Ala Leu Asp Leu Gly Gly Ser Thr Leu Glu Asp Pro Thr Asp
85 90 95

Leu Glu Ile Val Val Val Asp Gln Asn Asp Asn Arg Pro Ala Phe
100 105 110

1006661224

```
<210> 22
<211> 110
<212> PRT
```


<213> Rattus norvegicus

<400> 22

Arg Val Lys Arg Gly Trp Val Trp Asn Gln Phe Phe Val Val Glu Glu
 1 5 10 15
 Tyr Thr Gly Thr Glu Pro Leu Tyr Val Gly Lys Ile His Ser Asp Ser
 20 25 30
 Asp Glu Gly Asp Gly Thr Ile Lys Tyr Thr Ile Ser Gly Glu Gly Ala
 35 40 45
 Gly Thr Ile Phe Leu Ile Asp Glu Leu Thr Gly Asp Ile His Ala Thr
 50 55 60
 Glu Arg Leu Asp Arg Glu Gln Lys Thr Phe Tyr Thr Leu Arg Ala Gln
 65 70 75 80
 Ala Arg Asp Arg Ala Thr Asn Arg Leu Leu Glu Pro Glu Ser Glu Phe
 85 90 95
 Ile Ile Lys Val Gln Asp Ile Asn Asp Ser Glu Pro Arg Phe
 100 105 110

<210> 23

<211> 109

<212> PRT

<213> Rattus norvegicus

<400> 23

Leu His Gly Pro Tyr Ile Gly Ser Val Ala Glu Leu Ser Pro Thr Gly
 1 5 10 15
 Thr Ser Val Met Gln Val Met Ala Ser Asp Ala Asp Asp Pro Thr Tyr
 20 25 30
 Gly Ser Ser Ala Arg Leu Val Tyr Ser Val Leu Asp Gly Glu His His
 35 40 45
 Phe Thr Val Asp Pro Lys Thr Gly Val Ile Arg Thr Ala Val Pro Asp
 50 55 60
 Leu Asp Arg Glu Ser Gln Glu Arg Tyr Glu Val Val Ile Gln Ala Thr
 65 70 75 80
 Asp Met Ala Gly Gln Leu Gly Gly Leu Ser Gly Ser Thr Thr Val Thr
 85 90 95
 Ile Val Val Thr Asp Val Asn Asp Asn Pro Pro Arg Phe
 100 105

<210> 24

<211> 105

<212> PRT

<213> Rattus norvegicus

<400> 24

Arg Pro Pro Ser Gly Leu Leu Glu Val Gln Glu Asp Ala Gln Val Gly
 1 5 10 15

20 25 30
 Gly Glu Ile Ile Tyr Ser Phe Gly Ser His Asn Arg Ala Gly Val Arg
 35 40 45
 Gln Leu Phe Ala Leu Asp Leu Val Thr Gly Met Leu Thr Ile Lys Gly
 50 55 60
 Arg Leu Asp Phe Glu Asp Thr Lys Leu His Glu Ile Tyr Ile Gln Ala
 65 70 75 80
 Lys Asp Lys Gly Ala Asn Pro Glu Gly Ala His Cys Lys Val Leu Val
 85 90 95
 Glu Val Val Asp Val Asn Asp Asn Ala Pro Glu Ile
 100 105

<210> 27
 <211> 110
 <212> PRT
 <213> Homo sapiens

<400> 27
 Ser Gln Ser Ser Tyr Asp Val Tyr Ile Glu Glu Asn Asn Leu Pro Gly
 1 5 10 15
 Ala Pro Ile Leu Asn Leu Ser Val Trp Asp Pro Asp Ala Pro Gln Asn
 20 25 30
 Ala Arg Leu Ser Phe Phe Leu Leu Glu Gln Gly Ala Glu Thr Gly Leu
 35 40 45
 Val Gly Arg Tyr Phe Thr Ile Asn Arg Asp Asn Gly Ile Val Ser Ser
 50 55 60
 Leu Val Pro Leu Asp Tyr Glu Asp Arg Arg Glu Phe Glu Leu Thr Ala
 65 70 75 80
 His Ile Ser Asp Gly Gly Thr Pro Val Leu Ala Thr Asn Ile Ser Val
 85 90 95
 Asn Ile Phe Val Thr Asp Arg Asn Asp Asn Ala Pro Gln Val
 100 105 110

<210> 28
 <211> 108
 <212> PRT
 <213> Homo sapiens

<400> 28
 Glu Ala Pro Ser Tyr Leu Val Glu Leu Pro Glu Asn Thr Pro Leu Gly
 1 5 10 15
 Thr Val Val Ile Asp Leu Asn Ala Thr Asp Ala Asp Glu Gly Pro Asn
 20 25 30
 Gly Glu Val Leu Tyr Ser Phe Ser Ser Tyr Val Pro Asp Arg Val Arg
 35 40 45

10006869-120304

Glu Leu Phe Ser Ile Asp Pro Lys Thr Gly Leu Ile Arg Val Lys Gly
 50 55 60
 Asn Leu Asp Tyr Glu Glu Asn Gly Met Leu Glu Ile Asp Val Gln Ala
 65 70 75 80
 Arg Asp Leu Gly Pro Asn Leu Ile Pro Ala His Cys Lys Val Thr Val
 85 90 95
 Lys Leu Ile Asp Arg Asn Asp Asn Ala Pro Ser Ile
 100 105

<210> 29
 <211> 89
 <212> PRT
 <213> Homo sapiens

<400> 29
 Val Leu Pro Thr Leu Gln Asn Asp Thr Ala Glu Leu Gln Val Pro Arg
 1 5 10 15
 Asn Ala Gly Leu Gly Tyr Leu Val Ser Thr Val Arg Ala Leu Asp Ser
 20 25 30
 Asp Phe Gly Glu Ser Gly Arg Leu Thr Tyr Glu Ile Val Asp Gly Asn
 35 40 45
 Asp Asp His Leu Phe Glu Ile Asp Pro Ser Ser Gly Glu Ile Arg Thr
 50 55 60
 Leu His Pro Phe Trp Glu Asp Val Thr Pro Val Val Glu Leu Val Val
 65 70 75 80
 Lys Val Thr Asp His Gly Lys Pro Thr
 85

<210> 30
 <211> 112
 <212> PRT
 <213> Homo sapiens

<400> 30
 Arg Gln Lys Arg Glu Trp Ile Lys Phe Ala Ala Cys Arg Glu Gly
 1 5 10 15
 Glu Asp Asn Ser Lys Arg Asn Pro Ile Ala Lys Ile His Ser Asp Cys
 20 25 30
 Ala Ala Asn Gln Gln Val Thr Tyr Arg Ile Ser Gly Val Gly Ile Asp
 35 40 45
 Gln Pro Pro Tyr Gly Ile Phe Val Ile Asn Gln Lys Thr Gly Glu Ile
 50 55 60
 Asn Ile Thr Ser Ile Val Asp Arg Glu Val Thr Pro Phe Phe Ile Ile
 65 70 75 80
 Tyr Cys Arg Ala Leu Asn Ser Met Gly Gln Asp Leu Glu Arg Pro Leu
 85 90 95

100669-12020

Glu Leu Arg Val Arg Val Leu Asp Ile Asn Asp Asn Pro Pro Val Phe
 100 105 110

<210> 31
 <211> 112
 <212> PRT
 <213> Homo sapiens

<400> 31
 Ser Met Ala Thr Phe Ala Gly Gln Ile Glu Glu Asn Ser Asn Ala Asn
 1 5 10 15
 Thr Leu Val Met Ile Leu Asn Ala Thr Asp Ala Asp Glu Pro Asn Asn
 20 25 30
 Leu Asn Ser Lys Ile Ala Phe Lys Ile Ile Arg Gln Glu Pro Ser Asp
 35 40 45
 Ser Pro Met Phe Ile Ile Asn Arg Asn Thr Gly Glu Ile Arg Thr Met
 50 55 60
 Asn Asn Phe Leu Asp Arg Glu Gln Tyr Gly Gln Tyr Ala Leu Ala Val
 65 70 75 80
 Arg Gly Ser Asp Arg Asp Gly Gly Ala Asp Gly Met Ser Ala Glu Cys
 85 90 95
 Glu Cys Asn Ile Lys Ile Leu Asp Val Asn Asp Asn Ile Pro Tyr Met
 100 105 110

<210> 32
 <211> 113
 <212> PRT
 <213> Homo sapiens

<400> 32
 Thr Gln Asp Val Phe Val Gly Ser Val Glu Glu Leu Ser Ala Ala His
 1 5 10 15
 Thr Leu Val Met Lys Ile Asn Ala Thr Asp Ala Asp Glu Pro Asn Thr
 20 25 30
 Leu Asn Ser Lys Ile Ser Tyr Arg Ile Val Ser Leu Glu Pro Ala Tyr
 35 40 45
 Pro Pro Val Phe Tyr Leu Asn Lys Asp Thr Gly Glu Ile Tyr Thr Thr
 50 55 60
 Ser Val Thr Leu Asp Arg Glu Glu His Ser Ser Tyr Thr Leu Thr Val
 65 70 75 80
 Glu Ala Arg Asp Gly Asn Gly Glu Val Thr Asp Lys Pro Val Lys Gln

1006664004

95

Val

| | | | | | | | | | | | | | | | | |
|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|--|
| <400> | 33 | | | | | | | | | | | | | | | |
| Arg | Trp | Ala | Pro | Ile | Pro | Ala | Ser | Leu | Met | Glu | Asn | Ser | Leu | Gly | Pro | |
| 1 | | | | 5 | | | | | 10 | | | | | 15 | | |
| Phe | Pro | Gln | His | Val | Gln | Gln | Ile | Gln | Ser | Asp | Ala | Ala | Gln | Asn | Tyr | |
| | | | 20 | | | | | 25 | | | | | 30 | | | |
| Thr | Ile | Phe | Tyr | Ser | Ile | Ser | Gly | Pro | Gly | Val | Asp | Lys | Glu | Pro | Phe | |
| | | 35 | | | | | 40 | | | | | 45 | | | | |
| Asn | Leu | Phe | Tyr | Ile | Glu | Lys | Asp | Thr | Gly | Asp | Ile | Phe | Cys | Thr | Arg | |
| | 50 | | | | | 55 | | | | | 60 | | | | | |
| Ser | Ile | Asp | Arg | Glu | Lys | Tyr | Glu | Gln | Phe | Ala | Leu | Tyr | Gly | Tyr | Ala | |
| 65 | | | | | 70 | | | | | 75 | | | | | 80 | |
| Thr | Thr | Ala | Asp | Gly | Tyr | Ala | Pro | Glu | Tyr | Pro | Leu | Pro | Leu | Ile | Ile | |
| | | | | 85 | | | | | 90 | | | | | 95 | | |
| Lys | Ile | Glu | Asp | Asp | Asn | Asp | Asn | Ala | Pro | Tyr | | | | | | |
| | | | 100 | | | | | 105 | | | | | | | | |

| | | | | | | | | | | | | | | | |
|----------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| <400> 34 | | | | | | | | | | | | | | | |
| Arg | Trp | Ala | Pro | Ile | Pro | Cys | Ser | Met | Leu | Glu | Asn | Ser | Leu | Gly | Pro |
| 1 | | | | 5 | | | | | 10 | | | | | 15 | |
| Phe | Pro | Leu | Phe | Leu | Gln | Gln | Val | Gln | Ser | Asp | Thr | Ala | Gln | Asn | Tyr |
| | | | 20 | | | | | 25 | | | | | 30 | | |
| Thr | Ile | Tyr | Tyr | Ser | Ile | Arg | Gly | Pro | Gly | Val | Asp | Gln | Glu | Pro | Arg |
| | | 35 | | | | | 40 | | | | | 45 | | | |
| Asn | Leu | Phe | Tyr | Val | Glu | Arg | Asp | Thr | Gly | Asn | Leu | Tyr | Cys | Thr | Arg |
| | 50 | | | | | 55 | | | | | 60 | | | | |
| Pro | Val | Asp | Arg | Glu | Gln | Tyr | Glu | Ser | Phe | Glu | Ile | Ile | Ala | Phe | Ala |
| 65 | | | | | 70 | | | | | 75 | | | | | 80 |
| Thr | Thr | Pro | Asp | Gly | Tyr | Thr | Pro | Glu | Leu | Pro | Leu | Pro | Leu | Ile | Ile |
| | | | | 85 | | | | | 90 | | | | | 95 | |

```
<210> 35
<211> 107
<212> PRT
<213> Homo sapiens
```

```
<210> 36
<211> 107
<212> PRT
<213> Homo sapiens
```

| | | | | | | | | | | | | | | | |
|----------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| <400> 36 | | | | | | | | | | | | | | | |
| Arg | Trp | Ala | Pro | Ile | Pro | Cys | Ser | Met | Gln | Glu | Asn | Ser | Leu | Gly | Pro |
| 1 | | | | 5 | | | | | 10 | | | | | 15 | |
| Phe | Pro | Leu | Phe | Leu | Gln | Gln | Val | Glu | Ser | Asp | Ala | Ala | Gln | Asn | Tyr |
| | | | 20 | | | | | 25 | | | | | 30 | | |
| Thr | Val | Phe | Tyr | Ser | Ile | Ser | Gly | Arg | Gly | Val | Asp | Lys | Glu | Pro | Leu |
| | | 35 | | | | | 40 | | | | | 45 | | | |
| Asn | Leu | Phe | Tyr | Ile | Glu | Arg | Asp | Thr | Gly | Asn | Leu | Phe | Cys | Thr | Arg |
| | 50 | | | | | 55 | | | | | 60 | | | | |
| Pro | Val | Asp | Arg | Glu | Glu | Tyr | Asp | Val | Phe | Asp | Leu | Ile | Ala | Tyr | Ala |
| 65 | | | | | 70 | | | | | 75 | | | | | 80 |
| Ser | Thr | Ala | Asp | Gly | Tyr | Ser | Ala | Asp | Leu | Pro | Leu | Pro | Leu | Pro | Ile |
| | | | | 85 | | | | | 90 | | | | | 95 | |
| Arg | Val | Glu | Asp | Glu | Asn | Asp | Asn | His | Pro | Val | | | | | |
| | | | 100 | | | | | 105 | | | | | | | |

<210> 37

| | | | | | | | | | | | | | | | | |
|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|--|
| <400> | 37 | | | | | | | | | | | | | | | |
| Asp | Arg | Ser | Leu | Tyr | Thr | Val | Lys | Leu | Pro | Glu | Asn | Val | Pro | Asn | Gly | |
| 1 | | | | 5 | | | | | 10 | | | | | 15 | | |
| Thr | Leu | Val | Val | Lys | Val | Asn | Ala | Ser | Asp | Leu | Asp | Glu | Gly | Val | Asn | |
| | | | 20 | | | | | 25 | | | | | 30 | | | |
| Gly | Asp | Ile | Met | Tyr | Ser | Phe | Ser | Thr | Asp | Ile | Ser | Pro | Asn | Val | Lys | |
| | | 35 | | | | | 40 | | | | | 45 | | | | |
| Tyr | Lys | Phe | His | Ile | Asp | Pro | Val | Ser | Gly | Glu | Ile | Ile | Val | Lys | Gly | |
| | 50 | | | | | 55 | | | | | 60 | | | | | |
| Tyr | Ile | Asp | Phe | Glu | Glu | Cys | Lys | Ser | Tyr | Glu | Ile | Leu | Ile | Glu | Gly | |
| 65 | | | | | 70 | | | | | 75 | | | | | 80 | |
| Ile | Asp | Lys | Gly | Gln | Leu | Pro | Leu | Ser | Gly | His | Cys | Lys | Val | Ile | Val | |
| | | | | 85 | | | | | 90 | | | | | 95 | | |
| Gln | Val | Glu | Asp | Ile | Asn | Asp | Asn | Val | Pro | Glu | Leu | | | | | |
| | | | 100 | | | | | 105 | | | | | | | | |

| | | | | | | | | | | | | | | | | |
|----------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|--|
| <400> 38 | | | | | | | | | | | | | | | | |
| Gln | His | Pro | Glu | Tyr | Glu | Val | Arg | Ile | Leu | Glu | Asn | Ser | Asp | Asn | Gly | |
| 1 | | | | 5 | | | | | 10 | | | | | 15 | | |
| Thr | Thr | Val | Ile | Arg | Leu | Asn | Ala | Ser | Asp | Lys | Asp | Glu | Gly | Thr | Asn | |
| | | | 20 | | | | | 25 | | | | | 30 | | | |
| Ser | Ala | Ile | Ser | Tyr | Ser | Phe | Asn | Arg | Leu | Val | Pro | Pro | Lys | Thr | Leu | |
| | | 35 | | | | | 40 | | | | | 45 | | | | |
| Glu | Gln | Phe | Ser | Ile | Asp | Ala | Asp | Thr | Gly | Glu | Ile | Ile | Thr | Gln | Gly | |
| | 50 | | | | | 55 | | | | | 60 | | | | | |
| Asn | Leu | Asp | Phe | Glu | Gln | Val | Asp | Val | Tyr | Lys | Ile | His | Val | Asp | Ala | |
| 65 | | | | | 70 | | | | | 75 | | | | | 80 | |
| Thr | Asp | Lys | Gly | His | Pro | Pro | Met | Val | Gly | His | Cys | Thr | Val | Leu | Val | |
| | | | | 85 | | | | | 90 | | | | | 95 | | |
| Lys | Val | Leu | Asp | Glu | Asn | Asp | Asn | Val | Pro | Gln | Ile | | | | | |
| | | | 100 | | | | | 105 | | | | | | | | |

<400> 39


```

<210> 40
<211> 108
<212> PRT
<213> Mus musculus

<400> 40
Asp Arg Phe Val Tyr Lys Val Lys Val Leu Glu Asp Ala Leu Asn Gly
 1          5          10
Thr Leu Val Ile Asn Leu Asn Ala Thr Asp Pro Asp Glu Gly Ile Asn
 20          25
Gly Asp Ile Ile Tyr Ser Phe Arg Arg Pro Val Ser Pro Ala Val Val
 35          40          45
His Ala Phe Asn Ile Asp Ser Asn Ser Gly Glu Val Arg Thr Lys Gly
 50          55          60
Leu Leu Asp Phe Glu Glu Ile Lys Leu Tyr Glu Ile Pro Val Glu Ala
 65          70          75          80
Val Asp Lys Gly Asn Ile Pro Met Thr Gly His Cys Thr Leu Leu Val
 85          90          95
Glu Leu Leu Asp Val Asn Asp Asn Ala Pro Glu Val
 100          105

```

```

<210> 41
<211> 108
<212> PRT
<213> Mus musculus

<400> 41
Asp Lys Ser Ile Tyr Asn Val Arg Leu Leu Glu Asn Thr Pro Asn Gly
 1             5             10             15
Thr Leu Val Ile Lys Leu Asn Ala Ser Asp Ala Asp Glu Gly Ile Asn
          20          25          30

```

```
<210> 42
<211> 107
<212> PRT
<213> Mus musculus
```

```
<210> 43
<211> 108
<212> PRT
<213> Mus musculus
```

<400> 43
 Asp Arg Ser Val Tyr Glu Val Lys Met Tyr Glu Asn Gln Glu Asn Lys
 1 5 10 15
 Thr Leu Val Ile Trp Leu Asn Ala Thr Asp Ser Asp Glu Gly Ile Asn
 20 25 30
 Lys Glu Val Glu Tyr Ser Phe Ser Ser Leu Ala Ser Ser Ile Ile Arg
 35 40 45
 Gln Lys Phe Leu Ile Asn Glu Lys Thr Gly Glu Ile Lys Ile Asn Gly

```
<210> 44
<211> 106
<212> PRT
<213> Homo sapiens
```

```
<210> 45
<211> 106
<212> PRT
<213> Mus musculus
```

| | | | | | | | | | | | | | | | |
|----------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| <400> 45 | | | | | | | | | | | | | | | |
| Gly | Trp | Val | Trp | Asn | Gln | Phe | Phe | Val | Ile | Glu | Glu | Tyr | Thr | Gly | Pro |
| 1 | | | | 5 | | | | | 10 | | | | | 15 | |
| Asp | Pro | Val | Leu | Val | Gly | Arg | Leu | His | Ser | Asp | Ile | Asp | Ser | Gly | Asp |
| | | | 20 | | | | | 25 | | | | | 30 | | |
| Gly | Asn | Ile | Lys | Tyr | Ile | Leu | Ser | Gly | Glu | Gly | Ala | Gly | Thr | Ile | Phe |
| | | 35 | | | | | 40 | | | | | 45 | | | |
| Val | Ile | Asp | Asp | Lys | Ser | Gly | Asn | Ile | His | Ala | Thr | Lys | Thr | Leu | Asp |
| | 50 | | | | | 55 | | | | | 60 | | | | |
| Arg | Glu | Glu | Arg | Ala | Gln | Tyr | Thr | Leu | Met | Ala | Gln | Ala | Val | Asp | Arg |
| 65 | | | | | 70 | | | | | 75 | | | | | 80 |

<210> 48
 <211> 5
 <212> PRT
 <213> Unknown

<220>
 <223> Description of Unknown Organism: Clasical
 Cadherin Cell Adhesion Recognition Sequence

<400> 48
 Tyr Ile Gly Ser Arg
 1 5

<210> 49
 <211> 10
 <212> PRT
 <213> Unknown

<220>
 <223> Description of Unknown Organism: Clasical
 Cadherin Cell Adhesion Recognition Sequence

<400> 49
 Lys Tyr Ser Phe Asn Tyr Asp Gly Ser Glu
 1 5 10

<210> 50
 <211> 17
 <212> PRT
 <213> Unknown

<220>
 <223> Description of Unknown Organism: N-CAM Heparin
 Sulfate-Binding Site

<400> 50
 Ile Trp Lys His Lys Gly Arg Asp Val Ile Leu Lys Lys Asp Val Arg
 1 5 10 15

Phe

<210> 51
 <211> 4
 <212> PRT
 <213> Unknown

<220>
 <223> Description of Unknown Organism: Putative Claudin
 Cell Adhesion Recognition Sequence

<400> 51
 Ile Tyr Ser Tyr
 1

<210> 52

$$\begin{array}{ll} \langle 210 \rangle & 55 \\ \langle 211 \rangle & 9 \end{array}$$

<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Product of
Synthesis and Cyclization based on Human
OB-Cadherin

<220>
<223> Cyclic Peptide

<220>
<221> VARIANT
<222> (1)
<223> Where Xaa is beta-mercaptopropionic acid

<400> 55
Xaa Val Ile Asp Asp Lys Ser Gly Cys
1 5

<210> 56
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Product of
Synthesis and Cyclization based on Human
OB-Cadherin

<220>
<223> Cyclic Peptide

<220>
<221> VARIANT
<222> (1)
<223> Where Xaa is
beta,beta-pentamethylene-beta-mercaptopropionic
acid

<400> 56
Xaa Val Ile Asp Asp Lys Ser Gly Cys
1 5

<210> 57
<211> 5
<212> PRT
<213> Artificial Sequence

<220>
<223> Cyclic Peptide

<220>
<221> VARIANT
<222> (4)
<223> Where Xaa is D-Serine

<220>
<223> Description of Artificial Sequence: Product of

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100

Synthesis and Cyclization based on Human
OB-Cadherin

<400> 57

Asp Asp Lys Xaa Ser
1 5

<210> 58

<211> 4

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Product of
Synthesis and Cyclization based on Human
OB-Cadherin

<220>

<223> Cyclic Peptide

<400> 58

Trp Gly Gly Trp
1

<210> 59

<211> 6

<212> PRT

<213> Unknown

<220>

<223> Description of Unknown Organism: E-Cadherin Cell
Adhesion Recognition Sequence

<400> 59

Ser His Ala Val Ser Ser
1 5

<210> 60

<211> 6

<212> PRT

<213> Unknown

<220>

<223> Description of Unknown Organism: N-Cadherin Cell
Adhesion Recognition Sequence

<400> 60

Ala His Ala Val Asp Ile
1 5

<210> 61

<211> 15

<212> PRT

<213> Unknown

<220>

<223> Description of Unknown Organism: N-Cadherin Cell

Adhesion Recognition Sequence

<400> 61

Phe His Leu Arg Ala His Ala Val Asp Ile Asn Gly Asn Gln Val
 1 5 10 15

<210> 62

<211> 48

<212> PRT

<213> Unknown

<220>

<223> Description of Unknown Organism: Occludin Cell
 Adhesion Recognition Sequence

<400> 62

Gly Val Asn Pro Thr Ala Gln Ser Ser Gly Ser Leu Tyr Gly Ser Gln
 1 5 10 15

Ile Tyr Ala Leu Cys Asn Gln Phe Tyr Thr Pro Ala Ala Thr Gly Leu
 20 25 30

Tyr Val Asp Gln Tyr Leu Tyr His Tyr Cys Val Val Asp Pro Gln Glu
 35 40 45

<210> 63

<211> 10

<212> PRT

<213> Unknown

<220>

<223> Description of Unknown Organism: N-CAM Cell
 Adhesion Recognition Sequence

<400> 63

Lys Tyr Ser Phe Asn Tyr Asp Gly Ser Glu
 1 5 10

<210> 64

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Product of
 Synthesis based on Human Cadherin-5 Cell Adhesion
 Recognition Sequence

<400> 64

Val Phe Arg Val Asp Ala Glu Thr Gly Asp
 1 5 10

<210> 65

<211> 4

<212> PRT
<213> Unknown

<220>
<223> Description of Unknown Organism: Calcium Binding
Motifs in the Extracellular Domains of
Nonclassical Cadherins

<400> 65
Met Asp Arg Glu
1

<210> 66
<211> 4
<212> PRT
<213> Unknown

<220>
<223> Description of Unknown Organism: Calcium Binding
Motifs in the Extracellular Domains of
Nonclassical Cadherins

<400> 66
Leu Asp Phe Glu
1

<210> 67
<211> 4
<212> PRT
<213> Unknown

<220>
<223> Description of Unknown Organism: Calcium Binding
Motifs in the Extracellular Domains of
Nonclassical Cadherins

<400> 67
Leu Asp Tyr Glu
1

<210> 68
<211> 4
<212> PRT
<213> Unknown

<220>
<223> Description of Unknown Organism: Calcium Binding
Motifs in the Extracellular Domains of
Nonclassical Cadherins

<400> 68
Ile Asp Arg Glu
1

<210> 69
<211> 4
<212> PRT

15330004

<213> Unknown

<220>

<223> Description of Unknown Organism: Calcium Binding Motifs in the Extracellular Domains of Nonclassical Cadherins

<400> 69

Val Asp Arg Glu

1

<210> 70

$\langle 211 \rangle$ 4

<212> PRT

<213> Unknown

<220>

<223> Description of Unknown Organism: Calcium Binding
Motifs in the Extracellular Domains of
Nonclassical Cadherins

<400> 70

Ile Asp Phe Glu

1

<210> 71

$\langle 211 \rangle$ 5

<212> PRT

<213> Artificial Sequence

<220>

<221> VARIANT

<222> (5)

<223> Where Xaa is beta,beta-dimethyl cysteine

<220>

<223> Cyclic Peptide

<220>

<223> Description of Artificial Sequence: Product of Synthesis and Cyclization based on Human OB-cadherin

<400> 71

Cys Asp Asp Lys Xaa

1

5

<210> 72

<211> 11

<212> PRT

<213> Unknown

<220>

<223> Description of Unknown Organism: Calcium Binding
Motifs in Extracellular Domains of Nonclassical
Cadherins

<220>

<220>
<223> Representative linear modulating agent based on
OB-cadherin cell adhesion recognition sequence

<400> 74
Val Ile Asp Asp Lys
1 5

<210> 75
<211> 5
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative linear modulating agent based on
OB-cadherin cell adhesion recognition sequence

<400> 75
Ile Asp Asp Lys Ser
1 5

<210> 76
<211> 6
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative linear modulating agent based on
OB-cadherin cell adhesion recognition sequence

<400> 76
Val Ile Asp Asp Lys Ser
1 5

<210> 77
<211> 5
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative linear modulating agent based on
OB-cadherin cell adhesion recognition sequence

<400> 77
Asp Asp Lys Ser Gly
1 5

<210> 78
<211> 6
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative linear modulating agent based on
OB-cadherin cell adhesion recognition sequence

<400> 78
Ile Asp Asp Lys Ser Gly
1 5

<210> 79

4023276335004

<211> 7
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative linear modulating agent based on
 OB-cadherin cell adhesion recognition sequence

<400> 79
 Val Ile Asp Asp Lys Ser Gly
 1 5

<210> 80
 <211> 6
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative linear modulating agent based on
 OB-cadherin cell adhesion recognition sequence

<400> 80
 Phe Val Ile Asp Asp Lys
 1 5

<210> 81
 <211> 7
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative linear modulating agent based on
 OB-cadherin cell adhesion recognition sequence

<400> 81
 Phe Val Ile Asp Asp Lys Ser
 1 5

<210> 82
 <211> 8
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative linear modulating agent based on
 OB-cadherin cell adhesion recognition sequence

<400> 82
 Phe Val Ile Asp Asp Lys Ser Gly
 1 5

<210> 83
 <211> 7
 <212> PRT
 <213> Artificial Sequence

<220>

<223> Representative linear modulating agent based on
OB-cadherin cell adhesion recognition sequence

<400> 83

Ile Phe Val Ile Asp Asp Lys
1 5

<210> 84

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative linear modulating agent based on
OB-cadherin cell adhesion recognition sequence

<400> 84

Ile Phe Val Ile Asp Asp Lys Ser
1 5

<210> 85

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative linear modulating agent based on
OB-cadherin cell adhesion recognition sequence

<400> 85

Ile Phe Val Ile Asp Asp Lys Ser Gly
1 5

<210> 86

<211> 4

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative linear modulating agent based on
OB-cadherin cell adhesion recognition sequence

<400> 86

Ile Glu Glu Tyr
1

<210> 87

<211> 4

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative linear modulating agent based on
OB-cadherin cell adhesion recognition sequence

<400> 87

Glu Glu Tyr Thr

1

<210> 88
 <211> 5
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative linear modulating agent based on
 OB-cadherin cell adhesion recognition sequence

<400> 88
 Val Ile Glu Glu Tyr
 1 5

<210> 89
 <211> 5
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative linear modulating agent based on
 OB-cadherin cell adhesion recognition sequence

<400> 89
 Ile Glu Glu Tyr Thr
 1 5

<210> 90
 <211> 6
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative linear modulating agent based on
 OB-cadherin cell adhesion recognition sequence

<400> 90
 Val Ile Glu Glu Tyr Thr
 1 5

<210> 91
 <211> 5
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative linear modulating agent based on
 OB-cadherin cell adhesion recognition sequence

<400> 91
 Glu Glu Tyr Thr Gly
 1 5

<210> 92
 <211> 6
 <212> PRT

400669-40204

<213> Artificial Sequence

<220>

<223> Representative linear modulating agent based on
OB-cadherin cell adhesion recognition sequence

<400> 92

Ile Glu Glu Tyr Thr Gly
1 5

<210> 93

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative linear modulating agent based on
OB-cadherin cell adhesion recognition sequence

<400> 93

Val Ile Glu Glu Tyr Thr Gly
1 5

<210> 94

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative linear modulating agent based on
OB-cadherin cell adhesion recognition sequence

<400> 94

Phe Val Ile Glu Glu Tyr
1 5

<210> 95

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative linear modulating agent based on
OB-cadherin cell adhesion recognition sequence

<400> 95

Phe Val Ile Glu Glu Tyr Thr
1 5

<210> 96

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative linear modulating agent based on
OB-cadherin cell adhesion recognition sequence

Patent 6,939,007

<211> 4
 <212> PRT
 <213> Artificial Sequence

 <220>
 <223> Representative linear modulating agent based on
 cadherin-5 cell adhesion recognition sequence

 <400> 114
 Val Asp Ala Glu
 1

 <210> 115
 <211> 4
 <212> PRT
 <213> Artificial Sequence

 <220>
 <223> Representative linear modulating agent based on
 cadherin-5 cell adhesion recognition sequence

 <400> 115
 Asp Ala Glu Thr
 1

 <210> 116
 <211> 5
 <212> PRT
 <213> Artificial Sequence

 <220>
 <223> Representative linear modulating agent based on
 cadherin-5 cell adhesion recognition sequence

 <400> 116
 Arg Val Asp Ala Glu
 1 5

 <210> 117
 <211> 5
 <212> PRT
 <213> Artificial Sequence

 <220>
 <223> Representative linear modulating agent based on
 cadherin-5 cell adhesion recognition sequence

 <400> 117
 Val Asp Ala Glu Thr
 1 5

 <210> 118
 <211> 6
 <212> PRT
 <213> Artificial Sequence

 <220>

1 5

<210> 123
 <211> 7
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative linear modulating agent based on
 cadherin-5 cell adhesion recognition sequence

<400> 123
 Phe Arg Val Asp Ala Glu Thr
 1 5

<210> 124
 <211> 8
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative linear modulating agent based on
 cadherin-5 cell adhesion recognition sequence

<400> 124
 Phe Arg Val Asp Ala Glu Thr Gly
 1 5

<210> 125
 <211> 7
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative linear modulating agent based on
 cadherin-5 cell adhesion recognition sequence

<400> 125
 Val Phe Arg Val Asp Ala Glu
 1 5

<210> 126
 <211> 8
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative linear modulating agent based on
 cadherin-5 cell adhesion recognition sequence

<400> 126
 Val Phe Arg Val Asp Ala Glu Thr
 1 5

<210> 127
 <211> 9
 <212> PRT

1009004639004

<210> 136
 <211> 6
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative linear modulating agent based on
 cadherin-6 cell adhesion recognition sequence

<400> 136
 Phe Ile Ile Asn Glu Asn
 1 5

<210> 137
 <211> 7
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative linear modulating agent based on
 cadherin-6 cell adhesion recognition sequence

<400> 137
 Phe Ile Ile Asn Glu Asn Thr
 1 5

<210> 138
 <211> 8
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative linear modulating agent based on
 cadherin-6 cell adhesion recognition sequence

<400> 138
 Phe Ile Ile Asn Glu Asn Thr Gly
 1 5

<210> 139
 <211> 7
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative linear modulating agent based on
 cadherin-6 cell adhesion recognition sequence

<400> 139
 Leu Phe Ile Ile Asn Glu Asn
 1 5

<210> 140
 <211> 8
 <212> PRT
 <213> Artificial Sequence

Leu Glu Glu Tyr

1

<210> 145

<211> 5

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative linear modulating agent based on
cadherin-6 cell adhesion recognition sequence

<400> 145

Leu Glu Glu Tyr Thr

1

5

<210> 146

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative linear modulating agent based on
cadherin-6 cell adhesion recognition sequence

<400> 146

Leu Glu Glu Tyr Thr Gly

1

5

<210> 147

<211> 5

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative linear modulating agent based on
cadherin-6 cell adhesion recognition sequence

<400> 147

Leu Leu Glu Glu Tyr

1

5

<210> 148

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative linear modulating agent based on
cadherin-6 cell adhesion recognition sequence

<400> 148

Leu Leu Glu Glu Tyr Thr Gly

1

5

<210> 149

<211> 6

Patent 6,339,001

1

<210> 158
 <211> 5
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative linear modulating agent based on
 cadherin-6 cell adhesion recognition sequence

<400> 158
 Val Ser Glu Ser Thr
 1 5

<210> 159
 <211> 6
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative linear modulating agent based on
 cadherin-6 cell adhesion recognition sequence

<400> 159
 Val Glu Ser Glu Thr Gly
 1 5

<210> 160
 <211> 5
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative linear modulating agent based on
 cadherin-6 cell adhesion recognition sequence

<400> 160
 Ser Val Glu Ser Glu
 1 5

<210> 161
 <211> 6
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative linear modulating agent based on
 cadherin-6 cell adhesion recognition sequence

<400> 161
 Ser Val Glu Ser Glu Thr
 1 5

<210> 162
 <211> 7
 <212> PRT

Sequence # 1-5

<213> Artificial Sequence

<220>

<223> Representative linear modulating agent based on
cadherin-6 cell adhesion recognition sequence

<400> 162

Ser Val Glu Ser Glu Thr Gly
1 5

<210> 163

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative linear modulating agent based on
cadherin-6 cell adhesion recognition sequence

<400> 163

Phe Ser Val Glu Ser Glu
1 5

<210> 164

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative linear modulating agent based on
cadherin-6 cell adhesion recognition sequence

<400> 164

Phe Ser Val Glu Ser Glu Thr
1 5

<210> 165

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative linear modulating agent based on
cadherin-6 cell adhesion recognition sequence

<400> 165

Phe Ser Val Glu Ser Glu Thr Gly
1 5

<210> 166

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative linear modulating agent based on
cadherin-6 cell adhesion recognition sequence

162 163 164 165 166

<400> 166
Tyr Phe Ser Val Glu Ser Glu
1 5

<210> 167
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative linear modulating agent based on
cadherin-6 cell adhesion recognition sequence

<400> 167
Tyr Phe Ser Val Glu Ser Glu Thr
1 5

<210> 168
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative linear modulating agent based on
cadherin-6 cell adhesion recognition sequence

<400> 168
Tyr Phe Ser Val Glu Ser Glu Thr Gly
1 5

<210> 169
<211> 4
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative linear modulating agent based on
cadherin-6 cell adhesion recognition sequence

<400> 169
Asp Ser Gly Asn
1

<210> 170
<211> 5
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative linear modulating agent based on
cadherin-6 cell adhesion recognition sequence

<400> 170
Asp Ser Gly Asn Gly
1 5

<210> 171
 <211> 4
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative linear modulating agent based on
 cadherin-6 cell adhesion recognition sequence

<400> 171
 Ile Asp Ser Gly
 1

<210> 172
 <211> 5
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative linear modulating agent based on
 cadherin-6 cell adhesion recognition sequence

<400> 172
 Ile Asp Ser Gly Asn
 1 5

<210> 173
 <211> 6
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative linear modulating agent based on
 cadherin-6 cell adhesion recognition sequence

<400> 173
 Ile Asp Ser Gly Asn Gly
 1 5

<210> 174
 <211> 5
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative linear modulating agent based on
 cadherin-6 cell adhesion recognition sequence

<400> 174
 Asn Ile Asp Ser Gly
 1 5

<210> 175
 <211> 6
 <212> PRT
 <213> Artificial Sequence

<212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative linear modulating agent based on
 cadherin-7 cell adhesion recognition sequence

<400> 184
 Asp Glu Asn Thr
 1

<210> 185
 <211> 5
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative linear modulating agent based on
 cadherin-7 cell adhesion recognition sequence

<400> 185
 Ile Ile Asp Glu Asn
 1 5

<210> 186
 <211> 5
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative linear modulating agent based on
 cadherin-7 cell adhesion recognition sequence

<400> 186
 Ile Asp Glu Asn Thr
 1 5

<210> 187
 <211> 6
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative linear modulating agent based on
 cadherin-7 cell adhesion recognition sequence

<400> 187
 Ile Ile Asp Glu Asn Thr
 1 5

<210> 188
 <211> 5
 <212> PRT
 <213> Artificial Sequence

<220>

Sequence 184-188

1 5

<210> 193
 <211> 8
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative linear modulating agent based on
 cadherin-7 cell adhesion recognition sequence

<400> 193
 Phe Ile Ile Asp Glu Asn Thr Gly
 1 5

<210> 194
 <211> 7
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative linear modulating agent based on
 cadherin-7 cell adhesion recognition sequence

<400> 194
 Ile Phe Ile Ile Asp Glu Asn
 1 5

<210> 195
 <211> 8
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative linear modulating agent based on
 cadherin-7 cell adhesion recognition sequence

<400> 195
 Ile Phe Ile Ile Asp Glu Asn Thr
 1 5

<210> 196
 <211> 9
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative linear modulating agent based on
 cadherin-7 cell adhesion recognition sequence

<400> 196
 Ile Phe Ile Ile Asp Glu Asn Thr Gly
 1 5

<210> 197
 <211> 4
 <212> PRT

44024 6939001

<220>

<400> 197

1

$\langle 211 \rangle$ 5

<212> PRT

 $\langle 220 \rangle$

<400> 198

1

5

<210> 199

 $\langle 211 \rangle$ 4

<212> PRT

 $\langle 220 \rangle$

<400> 199

1

<210> 200

<211> 5

<212> PRT

<220>

$\langle 400 \rangle$ 200

1

5

<210> 201

 $\langle 211 \rangle$ 6

<212> PRT

$\langle 220 \rangle$

<223> Representative linear modulating agent based on cadherin-7 cell adhesion recognition sequence

<400> 201
Val Glu Pro Lys Thr Gly
1 5

<210> 202
<211> 5
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative linear modulating agent based on
cadherin-7 cell adhesion recognition sequence

<400> 202
Ser Val Glu Pro Lys
1 5

<210> 203
<211> 6
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative linear modulating agent based on
cadherin-7 cell adhesion recognition sequence

<400> 203
Ser Val Glu Pro Lys Thr
1 5

<210> 204
<211> 7
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative linear modulating agent based on
cadherin-7 cell adhesion recognition sequence

<400> 204
Ser Val Glu Pro Lys Thr Gly
1 5

<210> 205
<211> 6
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative linear modulating agent based on
cadherin-7 cell adhesion recognition sequence

<400> 205
Phe Ser Val Glu Pro Lys
1 5

434034 533007

<210> 206
 <211> 7
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative linear modulating agent based on
 cadherin-7 cell adhesion recognition sequence

<400> 206
 Phe Ser Val Glu Pro Lys Thr
 1 5

<210> 207
 <211> 8
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative linear modulating agent based on
 cadherin-7 cell adhesion recognition sequence

<400> 207
 Phe Ser Val Glu Pro Lys Thr Gly
 1 5

<210> 208
 <211> 7
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative linear modulating agent based on
 cadherin-7 cell adhesion recognition sequence

<400> 208
 Tyr Phe Ser Val Glu Pro Lys
 1 5

<210> 209
 <211> 8
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative linear modulating agent based on
 cadherin-7 cell adhesion recognition sequence

<400> 209
 Tyr Phe Ser Val Glu Pro Lys Thr
 1 5

<210> 210
 <211> 9
 <212> PRT
 <213> Artificial Sequence

Patent # 6,930,001

<223> Representative linear modulating agent based on cadherin-7 cell adhesion recognition sequence

Tyr Phe Ser Val Glu Pro Lys Thr Gly
1 5

<213> Artificial Sequence

Asp Ala Asn Ser
1

<213> Artificial Sequence

Asp Ala Asn Ser Gly
1 5

<213> Artificial Sequence

Ile Asp Ala Asn
1

<213> Artificial Sequence

<400> 214

Ile Asp Ala Asn Ser
1 5

<210> 215
<211> 6
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative linear modulating agent based on
cadherin-7 cell adhesion recognition sequence

<400> 215

Ile Asp Ala Asn Ser Gly
1 5

<210> 216
<211> 5
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative linear modulating agent based on
cadherin-7 cell adhesion recognition sequence

<400> 216

Asn Ile Asp Ala Asn
1 5

<210> 217
<211> 6
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative linear modulating agent based on
cadherin-7 cell adhesion recognition sequence

<400> 217

Asn Ile Asp Ala Asn Ser
1 5

<210> 218
<211> 7
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative linear modulating agent based on
cadherin-7 cell adhesion recognition sequence

<400> 218

Asn Ile Asp Ala Asn Ser Gly
1 5

<210> 219
<211> 6

<400> 223
Tyr Phe Asn Ile Asp Ala Asn Ser
1 5

<220>
<223> Representative linear modulating agent based on
cadherin-7 cell adhesion recognition sequence

```
<210> 225
<211> 4
<212> PRT
<213> Artificial Sequence
```

```

      <400> 225
Ile Asn Asp Val
  1

```

<220>
<223> Representative linear modulating agent based on
cadherin-8 cell adhesion recognition sequence

```
<210> 227
<211> 5
<212> PRT
<213> Artificial Sequence
```

<400> 227
Gln Ile Asn Asp Val

1 5

<210> 228
 <211> 5
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative linear modulating agent based on
 cadherin-8 cell adhesion recognition sequence

<400> 228
 Ile Asn Asp Val Thr
 1 5

<210> 229
 <211> 6
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative linear modulating agent based on
 cadherin-8 cell adhesion recognition sequence

<400> 229
 Gln Ile Asn Asp Val Thr
 1 5

<210> 230
 <211> 5
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative linear modulating agent based on
 cadherin-8 cell adhesion recognition sequence

<400> 230
 Asn Asp Val Thr Gly
 1 5

<210> 231
 <211> 6
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative linear modulating agent based on
 cadherin-8 cell adhesion recognition sequence

<400> 231
 Ile Asn Asp Val Thr Gly
 1 5

<210> 232
 <211> 7
 <212> PRT

400 231 53000

<213> Artificial Sequence

<220>

<223> Representative linear modulating agent based on
cadherin-8 cell adhesion recognition sequence

<400> 232

Gln Ile Asn Asp Val Thr Gly
1 5

<210> 233

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative linear modulating agent based on
cadherin-8 cell adhesion recognition sequence

<400> 233

Phe Gln Ile Asn Asp Val
1 5

<210> 234

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative linear modulating agent based on
cadherin-8 cell adhesion recognition sequence

<400> 234

Phe Gln Ile Asn Asp Val Thr
1 5

<210> 235

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative linear modulating agent based on
cadherin-8 cell adhesion recognition sequence

<400> 235

Phe Gln Ile Asn Asp Val Thr Gly
1 5

<210> 236

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative linear modulating agent based on
cadherin-8 cell adhesion recognition sequence

Sequence 693004

<220>

<223> Representative linear modulating agent based on
cadherin-8 cell adhesion recognition sequence

<400> 245

Val Leu Glu Glu Phe Ser
1 5

<210> 246

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative linear modulating agent based on
cadherin-8 cell adhesion recognition sequence

<400> 246

Val Leu Glu Glu Phe Ser Gly
1 5

<210> 247

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative linear modulating agent based on
cadherin-8 cell adhesion recognition sequence

<400> 247

Phe Val Leu Glu Glu Phe
1 5

<210> 248

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative linear modulating agent based on
cadherin-8 cell adhesion recognition sequence

<400> 248

Phe Val Leu Glu Glu Phe Ser
1 5

<210> 249

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative linear modulating agent based on
cadherin-8 cell adhesion recognition sequence

<400> 249

6389001

Phe Val Leu Glu Glu Phe Ser Gly
1 5

<210> 250
<211> 7
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative linear modulating agent based on
cadherin-8 cell adhesion recognition sequence

<400> 250

Met Phe Val Leu Glu Glu Phe
1 5

<210> 251
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative linear modulating agent based on
cadherin-8 cell adhesion recognition sequence

<400> 251

Met Phe Val Leu Glu Glu Phe Ser
1 5

<210> 252
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative linear modulating agent based on
cadherin-8 cell adhesion recognition sequence

<400> 252

Met Phe Val Leu Glu Glu Phe Ser Gly
1 5

<210> 253
<211> 4
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative linear modulating agent based on
cadherin-12 cell adhesion recognition sequence

<400> 253

Ile Asp Glu Thr
1

<210> 254
<211> 4

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100

cadherin-12 cell adhesion recognition sequence

Asp Glu Thr Thr Gly
 1 5

```
<210> 259
<211> 6
<212> PRT
<213> Artificial Sequence
```

<220>
<223> Representative linear modulating agent based on
cadherin-12 cell adhesion recognition sequence

<400> 259
 Ile Asp Glu Thr Thr Gly
 1 5

```
<210> 260
<211> 7
<212> PRT
<213> Artificial Sequence
```

<220>
<223> Representative linear modulating agent based on
cadherin-12 cell adhesion recognition sequence

Thr Ile Asp Glu Thr Thr Gly
 1 5

```
<210> 261
<211> 6
<212> PRT
<213> Artificial Sequence
```

<220>
<223> Representative linear modulating agent based on
cadherin-12 cell adhesion recognition sequence

<400> 261
 Phe Thr Ile Asp Glu Thr
 1 5

```
<210> 262
<211> 7
<212> PRT
<213> Artificial Sequence
```

<220>
<223> Representative linear modulating agent based on
cadherin-12 cell adhesion recognition sequence

<400> 262
 Phe Thr Ile Asp Glu Thr Thr
 1 5

<223> Representative linear modulating agent based on cadherin-12 cell adhesion recognition sequence

<400> 267

```
<210> 268
<211> 5
<212> PRT
<213> Artificial Sequence
```

<220>
<223> Representative linear modulating agent based on
cadherin-12 cell adhesion recognition sequence

<400> 268

```
<210> 269
<211> 4
<212> PRT
<213> Artificial Sequence
```

<220>
<223> Representative linear modulating agent based on
cadherin-12 cell adhesion recognition sequence

<400> 269

```
<210> 270
<211> 5
<212> PRT
<213> Artificial Sequence
```

<220>
<223> Representative linear modulating agent based on
cadherin-12 cell adhesion recognition sequence

<400> 270

```
<210> 271
<211> 6
<212> PRT
<213> Artificial Sequence
```

<220>
<223> Representative linear modulating agent based on
cadherin-12 cell adhesion recognition sequence

<400> 271
Ile Asp Pro Lys Thr Gly
1 5

<210> 272
<211> 5
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative linear modulating agent based on
cadherin-12 cell adhesion recognition sequence

<400> 272
Ser Ile Asp Pro Lys
1 5

<210> 273
<211> 6
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative linear modulating agent based on
cadherin-12 cell adhesion recognition sequence

<400> 273
Ser Ile Asp Pro Lys Thr
1 5

<210> 274
<211> 7
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative linear modulating agent based on
cadherin-12 cell adhesion recognition sequence

<400> 274
Ser Ile Asp Pro Lys Thr Gly
1 5

<210> 275
<211> 6
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative linear modulating agent based on
cadherin-12 cell adhesion recognition sequence

<400> 275
Phe Ser Ile Asp Pro Lys
1 5

<210> 276

<220>
<223> Representative linear modulating agent based on
cadherin-12 cell adhesion recognition sequence

<400> 276

<220>
<223> Representative linear modulating agent based on
cadherin-12 cell adhesion recognition sequence

<400> 277

<220>
<223> Representative linear modulating agent based on
cadherin-12 cell adhesion recognition sequence

<400> 278

<220>
<223> Representative linear modulating agent based on
cadherin-12 cell adhesion recognition sequence

<400> 279

 $\langle 220 \rangle$ [illegible]

<223> Representative linear modulating agent based on
cadherin-12 cell adhesion recognition sequence

<400> 280

Tyr Phe Ser Ile Asp Pro Lys Thr Gly
1 5

<210> 281

<211> 4

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative linear modulating agent based on
cadherin-14 cell adhesion recognition sequence

<400> 281

Ile Asp Asp Thr
1

<210> 282

<211> 4

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative linear modulating agent based on
cadherin-14 cell adhesion recognition sequence

<400> 282

Asp Asp Thr Thr
1

<210> 283

<211> 5

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative linear modulating agent based on
cadherin-14 cell adhesion recognition sequence

<400> 283

Ile Ile Asp Asp Thr
1 5

<210> 284

<211> 5

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative linear modulating agent based on
cadherin-14 cell adhesion recognition sequence

<400> 284

Ile Asp Asp Thr Thr

1 5

<210> 285
 <211> 6
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative linear modulating agent based on
 cadherin-14 cell adhesion recognition sequence

<400> 285
 Ile Ile Asp Asp Thr Thr
 1 5

<210> 286
 <211> 5
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative linear modulating agent based on
 cadherin-14 cell adhesion recognition sequence

<400> 286
 Asp Asp Thr Thr Gly
 1 5

<210> 287
 <211> 6
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative linear modulating agent based on
 cadherin-14 cell adhesion recognition sequence

<400> 287
 Ile Asp Asp Thr Thr Gly
 1 5

<210> 288
 <211> 7
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative linear modulating agent based on
 cadherin-14 cell adhesion recognition sequence

<400> 288
 Ile Ile Asp Asp Thr Thr Gly
 1 5

<210> 289
 <211> 6
 <212> PRT

1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26
27
28
29
30
31
32
33
34
35
36
37
38
39
40
41
42
43
44
45
46
47
48
49
50
51
52
53
54
55
56
57
58
59
60
61
62
63
64
65
66
67
68
69
70
71
72
73
74
75
76
77
78
79
80
81
82
83
84
85
86
87
88
89
90
91
92
93
94
95
96
97
98
99
100

$\langle 220 \rangle$

<400> 289

<210> 290

<212> PRT

<220>

<400> 290

<210> 291

<211> 8

<212> PRT

 $\langle 220 \rangle$

<400> 291

<210> 292

<211> 7

<212> PRT

$\langle 220 \rangle$

<400> 292

<210> 293

<211> 8

<212> PRT

<220>

<223> Representative linear modulating agent based on cadherin-14 cell adhesion recognition sequence

<400> 293
 Ile Phe Ile Ile Asp Asp Thr Thr
 1 5

<210> 294
 <211> 9
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative linear modulating agent based on
 cadherin-14 cell adhesion recognition sequence

<400> 294
 Ile Phe Ile Ile Asp Asp Thr Thr Gly
 1 5

<210> 295
 <211> 4
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative linear modulating agent based on
 cadherin-14 cell adhesion recognition sequence

<400> 295
 Asp Pro Lys Thr
 1

<210> 296
 <211> 5
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative linear modulating agent based on
 cadherin-14 cell adhesion recognition sequence

<400> 296
 Asp Pro Lys Thr Gly
 1 5

<210> 297
 <211> 4
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative linear modulating agent based on
 cadherin-14 cell adhesion recognition sequence

<400> 297
 Val Asp Pro Lys
 1

<220>
<223> Representative linear modulating agent based on
cadherin-14 cell adhesion recognition sequence

<400> 298

<220>
<223> Representative linear modulating agent based on
cadherin-14 cell adhesion recognition sequence

<400> 299

<220>
<223> Representative linear modulating agent based on
cadherin-14 cell adhesion recognition sequence

$\langle 400 \rangle$ 300

<220>
<223> Representative linear modulating agent based on
cadherin-14 cell adhesion recognition sequence

<400> 301

```
<210> 302
<211> 7
<212> PRT
<213> Artificial Sequence
```


<220>

<223> Representative linear modulating agent based on
cadherin-14 cell adhesion recognition sequence

<400> 302

Ser Val Asp Pro Lys Thr Gly
1 5

<210> 303

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative linear modulating agent based on
cadherin-14 cell adhesion recognition sequence

<400> 303

Phe Ser Val Asp Pro Lys
1 5

<210> 304

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative linear modulating agent based on
cadherin-14 cell adhesion recognition sequence

<400> 304

Phe Ser Val Asp Pro Lys Thr
1 5

<210> 305

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative linear modulating agent based on
cadherin-14 cell adhesion recognition sequence

<400> 305

Phe Ser Val Asp Pro Lys Thr Gly
1 5

<210> 306

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative linear modulating agent based on
cadherin-14 cell adhesion recognition sequence

<400> 306

<210> 307
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative linear modulating agent based on
cadherin-14 cell adhesion recognition sequence

```

<400> 307
ne Ser Val Asp Pro Lys Thr
      5

<210> 308
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative linear modulating agent based on
cadherin-14 cell adhesion recognition sequence

```

```

<400> 308
ne Ser Val Asp Pro Lys Thr Gly
          5

<210> 309
<211> 4
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative linear modulating agent based on
cadherin-14 cell adhesion recognition sequence

```

```
<400> 309
La Asn Thr

<210> 310
<211> 5
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative linear modulating agent based on
cadherin-14 cell adhesion recognition sequence
```

<400> 310
La Asn Thr

<210> 311
<211> 5

<220>
<223> Representative linear modulating agent based on
cadherin-14 cell adhesion recognition sequence

```

<400> 311
sp Ala Asn Thr
      5

<210> 312
<211> 6
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative linear modulating agent based on
cadherin-14 cell adhesion recognition sequence

```

```

<400> 312
sp Ala Asn Thr Gly
      5
<210> 313
<211> 6
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative linear modulating agent based on
cadherin-14 cell adhesion recognition sequence

```

```
<400> 313
e Asp Ala Asn Thr
      5

<210> 314
<211> 7
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative linear modulating agent based on
cadherin-14 cell adhesion recognition sequence
```

```
<400> 314
e Asp Ala Asn Thr Gly
      5

<210> 315
<211> 7
<212> PRT
<213> Artificial Sequence

<220>
```

<223> Representative linear modulating agent based on
cadherin-14 cell adhesion recognition sequence

<400> 315

Phe Asn Ile Asp Ala Asn Thr
1 5

<210> 316

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative linear modulating agent based on
cadherin-14 cell adhesion recognition sequence

<400> 316

Phe Asn Ile Asp Ala Asn Thr Gly
1 5

<210> 317

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative linear modulating agent based on
cadherin-14 cell adhesion recognition sequence

<400> 317

Phe Phe Asn Ile Asp Ala Asn
1 5

<210> 318

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative linear modulating agent based on
cadherin-14 cell adhesion recognition sequence

<400> 318

Phe Phe Asn Ile Asp Ala Asn Thr
1 5

<210> 319

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative linear modulating agent based on
cadherin-14 cell adhesion recognition sequence

<400> 319

Phe Phe Asn Ile Asp Ala Asn Thr Gly

<213> Artificial Sequence

<220>

<223> Representative linear modulating agent based on
cadherin-15 cell adhesion recognition sequence

<400> 324

Ser Ile Asp Lys Phe Thr
1 5

<210> 325

<211> 5

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative linear modulating agent based on
cadherin-15 cell adhesion recognition sequence

<400> 325

Asp Lys Phe Thr Gly
1 5

<210> 326

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative linear modulating agent based on
cadherin-15 cell adhesion recognition sequence

<400> 326

Ile Asp Lys Phe Thr Gly
1 5

<210> 327

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative linear modulating agent based on
cadherin-15 cell adhesion recognition sequence

<400> 327

Ser Ile Asp Lys Phe Thr Gly
1 5

<210> 328

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative linear modulating agent based on
cadherin-15 cell adhesion recognition sequence

<400> 328

<211> 7

<212> PRT

<213> Artificial Sequence

 $\langle 220 \rangle$

<223> Representative linear modulating agent based on cadherin-15 cell adhesion recognition sequence

<400> 329

<210> 330

<211> 8

<212> PRT

<213> Artificial Sequence

 $\langle 220 \rangle$

<223> Representative linear modulating agent based on
cadherin-15 cell adhesion recognition sequence

<400> 330

<210> 331

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative linear modulating agent based on
cadherin-15 cell adhesion recognition sequence

<400> 331

<210> 332

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative linear modulating agent based on cadherin-15 cell adhesion recognition sequence

<400> 332

<220>
<223> Representative linear modulating agent based on
cadherin-15 cell adhesion recognition sequence

<400> 333

<220>
<223> Representative linear modulating agent based on
cadherin-15 cell adhesion recognition sequence

<400> 334

<220>
<223> Representative linear modulating agent based on
cadherin-15 cell adhesion recognition sequence

<400> 335

<220>
<223> Representative linear modulating agent based on
cadherin-15 cell adhesion recognition sequence

<400> 336

```
<210> 337
<211> 5
<212> PRT
<213> Artificial Sequence
```


<223> Representative linear modulating agent based on cadherin-15 cell adhesion recognition sequence

<400> 337

$\langle 211 \rangle$ 6

<212> PRT

<213> Artificial Sequence

<223> Representative linear modulating agent based on cadherin-15 cell adhesion recognition sequence

<400> 338

<210> 339

$\langle 211 \rangle$ 5

<212> PRT

<213> Artificial Sequence

 $\langle 220 \rangle$

<223> Representative linear modulating agent based on cadherin-15 cell adhesion recognition sequence

<400> 339

<210> 340

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative linear modulating agent based on
cadherin-15 cell adhesion recognition sequence

<400> 340

<210> 341

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative linear modulating agent based on cadherin-15 cell adhesion recognition sequence

<400> 341

<212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative linear modulating agent based on
 cadherin-15 cell adhesion recognition sequence

<400> 346
 Leu Phe Ser Ile Asp Glu Leu Thr
 1 5

<210> 347
 <211> 9
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative linear modulating agent based on
 cadherin-15 cell adhesion recognition sequence

<400> 347
 Leu Phe Ser Ile Asp Glu Leu Thr Gly
 1 5

<210> 348
 <211> 4
 <212> PRT
 <213> Artificial Sequence.

<220>
 <223> Representative linear modulating agent based on
 T-cadherin cell adhesion recognition sequence

<400> 348
 Ile Asn Glu Asn
 1

<210> 349
 <211> 4
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative linear modulating agent based on
 T-cadherin cell adhesion recognition sequence

<400> 349
 Asn Glu Asn Thr
 1

<210> 350
 <211> 5
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative linear modulating agent based on

T-cadherin cell adhesion recognition sequence

<400> 350
Arg Ile Asn Glu Asn
1 5

<210> 351
<211> 5
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative linear modulating agent based on
T-cadherin cell adhesion recognition sequence

<400> 351
Ile Asn Glu Asn Thr
1 5

<210> 352
<211> 6
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative linear modulating agent based on
T-cadherin cell adhesion recognition sequence

<400> 352
Arg Ile Asn Glu Asn Thr
1 5

<210> 353
<211> 5
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative linear modulating agent based on
T-cadherin cell adhesion recognition sequence

<400> 353
Asn Glu Asn Thr Gly
1 5

<210> 354
<211> 6
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative linear modulating agent based on
T-cadherin cell adhesion recognition sequence

<400> 354
Ile Asn Glu Asn Thr Gly
1 5

<220>

<223> Representative linear modulating agent based on
T-cadherin cell adhesion recognition sequence

<400> 359

Ile Phe Arg Ile Asn Glu Asn
1 5

<210> 360

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative linear modulating agent based on
T-cadherin cell adhesion recognition sequence

<400> 360

Ile Phe Arg Ile Asn Glu Asn Thr
1 5

<210> 361

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative linear modulating agent based on
T-cadherin cell adhesion recognition sequence

<400> 361

Ile Phe Arg Ile Asn Glu Asn Thr Gly
1 5

<210> 362

<211> 4

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative linear modulating agent based on
PB-cadherin cell adhesion recognition sequence

<400> 362

Glu Glu Tyr Thr
1

<210> 363

<211> 5

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative linear modulating agent based on
PB-cadherin cell adhesion recognition sequence

<400> 363
 Glu Glu Tyr Thr Gly
 1 5

<210> 364
 <211> 4
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative linear modulating agent based on
 PB-cadherin cell adhesion recognition sequence

<400> 364
 Val Glu Glu Tyr
 1

<210> 365
 <211> 5
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative linear modulating agent based on
 PB-cadherin cell adhesion recognition sequence

<400> 365
 Val Glu Glu Tyr Thr
 1 5

<210> 366
 <211> 6
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative linear modulating agent based on
 PB-cadherin cell adhesion recognition sequence

<400> 366
 Val Glu Glu Tyr Thr Gly
 1 5

<210> 367
 <211> 5
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative linear modulating agent based on
 PB-cadherin cell adhesion recognition sequence

<400> 367
 Val Val Glu Glu Tyr
 1 5

<210> 368

Patent # 6,933,000

<400> 372
 Phe Val Glu Glu Tyr Thr Gly
 1 5

<220>
<223> Representative linear modulating agent based on
PB-cadherin cell adhesion recognition sequence

<400> 373
Phe Phe Val Val Glu Glu Tyr
1 5

```
<210> 374
<211> 8
<212> PRT
<213> Artificial Sequence
```

<220>
<223> Representative linear modulating agent based on
PB-cadherin cell adhesion recognition sequence

<400> 374
Phe Phe Val Val Glu Glu Tyr Thr
1 5

```
<210> 375
<211> 9
<212> PRT
<213> Artificial Sequence
```

<220>
<223> Representative linear modulating agent based on
PB-cadherin cell adhesion recognition sequence

<400> 375
Phe Phe Val Val Glu Glu Tyr Thr Gly
1 5'

```
<210> 376
<211> 4
<212> PRT
<213> Artificial Sequence
```

<220>
<223> Representative linear modulating agent based on
PB-cadherin cell adhesion recognition sequence

Asp Glu Leu Thr

```
<210> 377
<211> 5
<212> PRT
<213> Artificial Sequence
```

<400> 377

```
<210> 378
<211> 4
<212> PRT
<213> Artificial Sequence
```

<400> 378

```
<210> 379
<211> 5
<212> PRT
<213> Artificial Sequence
```

<400> 379

```
<210> 380
<211> 6
<212> PRT
<213> Artificial Sequence
```

<400> 380

| | |
|-----------------------|-----|
| $\langle 210 \rangle$ | 381 |
| $\langle 211 \rangle$ | 5 |
| $\langle 212 \rangle$ | PRT |

<223> Representative linear modulating agent based on PB-cadherin cell adhesion recognition sequence

<400> 385

<210> 386

<211> 8

<212> PRT

<213> Artificial Sequence

 $\langle 220 \rangle$

<223> Representative linear modulating agent based on

<400> 386

<210> 387

<211> 7

<212> PRT

<213> Artificial Sequence

$\langle 220 \rangle$

<223> Representative linear modulating agent based on

<400> 387

<210> 388

<211> 8

<212> PRT

<213> Artificial Sequence

 $\langle 220 \rangle$

<223> Representative linear modulating agent based on

<400> 388

<210> 389

<211> 9

<212> PRT

<213> Artificial Sequence

 $\langle 220 \rangle$

<223> Representative linear modulating agent based on

<400> 389

ne Leu Ile As

<210> 390
 <211> 4
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative linear modulating agent based on
 PB-cadherin cell adhesion recognition sequence

<400> 390
 Asp Pro Lys Thr
 1

<210> 391
 <211> 5
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative linear modulating agent based on
 PB-cadherin cell adhesion recognition sequence

<400> 391
 Asp Pro Lys Thr Gly
 1 5

<210> 392
 <211> 4
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative linear modulating agent based on
 PB-cadherin cell adhesion recognition sequence

<400> 392
 Val Asp Pro Lys
 1

<210> 393
 <211> 5
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative linear modulating agent based on
 PB-cadherin cell adhesion recognition sequence

<400> 393
 Val Asp Pro Lys Thr
 1 5

<210> 394
 <211> 6
 <212> PRT
 <213> Artificial Sequence

TOGETHER

<220>

<223> Representative linear modulating agent based on
PB-cadherin cell adhesion recognition sequence

<400> 394

Val Asp Pro Lys Thr Gly
1 5

<210> 395

<211> 5

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative linear modulating agent based on
PB-cadherin cell adhesion recognition sequence

<400> 395

Thr Val Asp Pro Lys
1 5

<210> 396

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative linear modulating agent based on
PB-cadherin cell adhesion recognition sequence

<400> 396

Thr Val Asp Pro Lys Thr
1 5

<210> 397

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative linear modulating agent based on
PB-cadherin cell adhesion recognition sequence

<400> 397

Thr Val Asp Pro Lys Thr Gly
1 5

<210> 398

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative linear modulating agent based on
PB-cadherin cell adhesion recognition sequence

<400> 398

400216990001

Phe Thr Val Asp Pro Lys
1 5

<210> 399
<211> 7
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative linear modulating agent based on
PB-cadherin cell adhesion recognition sequence

<400> 399

Phe Thr Val Asp Pro Lys Thr
1 5

<210> 400
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative linear modulating agent based on
PB-cadherin cell adhesion recognition sequence

<400> 400

Phe Thr Val Asp Pro Lys Thr Gly
1 5

<210> 401
<211> 7
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative linear modulating agent based on
PB-cadherin cell adhesion recognition sequence

<400> 401

His Phe Thr Val Asp Pro Lys
1 5

<210> 402
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative linear modulating agent based on
PB-cadherin cell adhesion recognition sequence

<400> 402

His Phe Thr Val Asp Pro Lys Thr
1 5

<210> 403
<211> 9

400669 40304

<212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative linear modulating agent based on
 PB-cadherin cell adhesion recognition sequence

<400> 403
 His Phe Thr Val Asp Pro Lys Thr Gly
 1 5

<210> 404
 <211> 4
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative linear modulating agent based on
 PB-cadherin cell adhesion recognition sequence

<400> 404
 Asp Ala Asp Thr
 1

<210> 405
 <211> 5
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative linear modulating agent based on
 PB-cadherin cell adhesion recognition sequence

<400> 405
 Asp Ala Asp Thr Gly
 1 5

<210> 406
 <211> 4
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative linear modulating agent based on
 PB-cadherin cell adhesion recognition sequence

<400> 406
 Ile Asp Ala Asp
 1

<210> 407
 <211> 5
 <212> PRT
 <213> Artificial Sequence

<220>

4005994200


```

      <400> 407
Ile Asp Ala Asp Thr
 1               5

```

<220>
<223> Representative linear modulating agent based on
PB-cadherin cell adhesion recognition sequence

```
<210> 409
<211> 5
<212> PRT
<213> Artificial Sequence
```

$\begin{array}{ccccc} & & <400> & 409 & \\ \text{Asp} & \text{Ile} & \text{Asp} & \text{Ala} & \text{Asp} \\ 1 & & & & 5 \end{array}$

<220>
<223> Representative linear modulating agent based on
PB-cadherin cell adhesion recognition sequence

```
<210> 411
<211> 7
<212> PRT
<213> Artificial Sequence
```

<400> 411
Asp Ile Asp Ala Asp Thr Gly

1 5

<210> 412
 <211> 6
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative linear modulating agent based on
 PB-cadherin cell adhesion recognition sequence

<400> 412
 Phe Asp Ile Asp Ala Asp
 1 5

<210> 413
 <211> 7
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative linear modulating agent based on
 PB-cadherin cell adhesion recognition sequence

<400> 413
 Phe Asp Ile Asp Ala Asp Thr
 1 5

<210> 414
 <211> 8
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative linear modulating agent based on
 PB-cadherin cell adhesion recognition sequence

<400> 414
 Phe Asp Ile Asp Ala Asp Thr Gly
 1 5

<210> 415
 <211> 7
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative linear modulating agent based on
 PB-cadherin cell adhesion recognition sequence

<400> 415
 Ile Phe Asp Ile Asp Ala Asp
 1 5

<210> 416
 <211> 8
 <212> PRT

40224-333000

<213> Artificial Sequence

<220>

<223> Representative linear modulating agent based on
PB-cadherin cell adhesion recognition sequence

<400> 416

Ile Phe Asp Ile Asp Ala Asp Thr
1 5

<210> 417

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative linear modulating agent based on
PB-cadherin cell adhesion recognition sequence

<400> 417

Ile Phe Asp Ile Asp Ala Asp Thr Gly
1 5

<210> 418

<211> 4

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative linear modulating agent based on
LI-cadherin cell adhesion recognition sequence

<400> 418

Asn Asn Lys Thr
1

<210> 419

<211> 5

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative linear modulating agent based on
LI-cadherin cell adhesion recognition sequence

<400> 419

Asn Asn Lys Thr Gly
1 5

<210> 420

<211> 4

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative linear modulating agent based on

```

<400> 420
Ile Asn Asn Lys
1

<210> 421
<211> 5
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative linear modulating agent based on
LI-cadherin cell adhesion recognition sequence

<400> 421
Ile Asn Asn Lys Thr
1 5

<210> 422
<211> 6
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative linear modulating agent based on
LI-cadherin cell adhesion recognition sequence

<400> 422
Ile Asn Asn Lys Thr Gly
1 5

<210> 423
<211> 5
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative linear modulating agent based on
LI-cadherin cell adhesion recognition sequence

<400> 423
Gln Ile Asn Asn Lys
1 5

<210> 424
<211> 6
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative linear modulating agent based on
LI-cadherin cell adhesion recognition sequence

<400> 424
Gln Ile Asn Asn Lys Thr
1 5

```


<220>

<223> Representative linear modulating agent based on
LI-cadherin cell adhesion recognition sequence

<400> 429

Tyr Phe Gln Ile Asn Asn Lys
1 5

<210> 430

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative linear modulating agent based on
LI-cadherin cell adhesion recognition sequence

<400> 430

Tyr Phe Gln Ile Asn Asn Lys Thr
1 5

<210> 431

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative linear modulating agent based on
LI-cadherin cell adhesion recognition sequence

<400> 431

Tyr Phe Gln Ile Asn Asn Lys Thr Gly
1 5

<210> 432

<211> 4

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative linear modulating agent based on
Protocadherin cell adhesion recognition sequence

<400> 432

Asp Leu Val Thr
1

<210> 433

<211> 5

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative linear modulating agent based on
Protocadherin cell adhesion recognition sequence

<220>
<223> Representative linear modulating agent based on
Protocadherin cell adhesion recognition sequence

```
<210> 439
<211> 7
<212> PRT
<213> Artificial Sequence
```

<220>
<223> Representative linear modulating agent based on
Protocadherin cell adhesion recognition sequence

```
<210> 440
<211> 6
<212> PRT
<213> Artificial Sequence
```

<220>
<223> Representative linear modulating agent based on
Protocadherin cell adhesion recognition sequence

```
<210> 441
<211> 7
<212> PRT
<213> Artificial Sequence
```

<220>
<223> Representative linear modulating agent based on
Protocadherin cell adhesion recognition sequence

```
<210> 442
<211> 8
<212> PRT
<213> Artificial Sequence
```


<400> 442
Phe Ala Leu Asp Leu Val Thr Gly
1 5

<220>
<223> Representative linear modulating agent based on
Protocadherin cell adhesion recognition sequence

```
<210> 444
<211> 8
<212> PRT
<213> Artificial Sequence
```

<400> 444
Leu Phe Ala Leu Asp Leu Val Thr
1 5

<220>
<223> Representative linear modulating agent based on
Protocadherin cell adhesion recognition sequence

```
<210> 446
<211> 4
<212> PRT
<213> Artificial Sequence
```

<400> 446
Asn Arg Asp Asn

1

<210> 447
 <211> 5
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative linear modulating agent based on
 Protocadherin cell adhesion recognition sequence

<400> 447
 Asn Arg Asp Asn Gly
 1 5

<210> 448
 <211> 4
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative linear modulating agent based on
 Protocadherin cell adhesion recognition sequence

<400> 448
 Ile Asn Arg Asp
 1

<210> 449
 <211> 5
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative linear modulating agent based on
 Protocadherin cell adhesion recognition sequence

<400> 449
 Ile Asn Arg Asp Asn
 1 5

<210> 450
 <211> 6
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative linear modulating agent based on
 Protocadherin cell adhesion recognition sequence

<400> 450
 Ile Asn Arg Asp Asn Gly
 1 5

<210> 451
 <211> 5
 <212> PRT

TOP SECRET

<213> Artificial Sequence

<220>

<223> Representative linear modulating agent based on
Protocadherin cell adhesion recognition sequence

<400> 451

Thr Ile Asn Arg Asp
1 5

<210> 452

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative linear modulating agent based on
Protocadherin cell adhesion recognition sequence

<400> 452

Thr Ile Asn Arg Asp Asn
1 5

<210> 453

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative linear modulating agent based on
Protocadherin cell adhesion recognition sequence

<400> 453

Thr Ile Asn Arg Asp Asn Gly
1 5

<210> 454

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative linear modulating agent based on
Protocadherin cell adhesion recognition sequence

<400> 454

Phe Thr Ile Asn Arg Asp
1 5

<210> 455

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative linear modulating agent based on
Protocadherin cell adhesion recognition sequence

<400> 455
 Phe Thr Ile Asn Arg Asp Asn
 1 5

<210> 456
 <211> 8
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative linear modulating agent based on
 Protocadherin cell adhesion recognition sequence

<400> 456
 Phe Thr Ile Asn Arg Asp Asn Gly
 1 5

<210> 457
 <211> 7
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative linear modulating agent based on
 Protocadherin cell adhesion recognition sequence

<400> 457
 Tyr Phe Thr Ile Asn Arg Asp
 1 5

<210> 458
 <211> 8
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative linear modulating agent based on
 Protocadherin cell adhesion recognition sequence

<400> 458
 Tyr Phe Thr Ile Asn Arg Asp Asn
 1 5

<210> 459
 <211> 9
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative linear modulating agent based on
 Protocadherin cell adhesion recognition sequence

<400> 459
 Tyr Phe Thr Ile Asn Arg Asp Asn Gly
 1 5

Patent 6,939,001

<220>
<223> Representative linear modulating agent based on
Protocadherin cell adhesion recognition sequence

<400> 460

<220>
<223> Representative linear modulating agent based on
Protocadherin cell adhesion recognition sequence

<400> 461

<220>
<223> Representative linear modulating agent based on
Protocadherin cell adhesion recognition sequence

<400> 462

<220>
<223> Representative linear modulating agent based on
Protocadherin cell adhesion recognition sequence

<400> 463

```
<210> 464
<211> 6
<212> PRT
<213> Artificial Sequence
```

<223> Representative linear modulating agent based on
Protocadherin cell adhesion recognition sequence

<400> 464

<210> 465

<211> 5

<212> PRT

<213> Artificial Sequence

<223> Representative linear modulating agent based on
Protocadherin cell adhesion recognition sequence

<400> 465

<210> 466

<211> 6

<212> PRT

<213> Artificial Sequence

<223> Representative linear modulating agent based on
Protocadherin cell adhesion recognition sequence

<400> 466

<210> 467

<211> 7

<212> PRT

<213> Artificial Sequence

<223> Representative linear modulating agent based on
Protocadherin cell adhesion recognition sequence

<400> 467

<210> 468

<211> 6

<212> PRT

<213> Artificial Sequence

<223> Representative linear modulating agent based on
Protocadherin cell adhesion recognition sequence

<400> 468

$$\begin{array}{ll} \langle 210 \rangle & 473 \\ \langle 211 \rangle & 9 \end{array}$$

<212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative linear modulating agent based on
 Protocadherin cell adhesion recognition sequence

<400> 473
 Leu Phe Ser Ile Asp Pro Lys Thr Gly
 1 5

<210> 474
 <211> 4
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative linear modulating agent based on
 Protocadherin cell adhesion recognition sequence

<400> 474
 Asp Pro Ser Ser
 1

<210> 475
 <211> 5
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative linear modulating agent based on
 Protocadherin cell adhesion recognition sequence

<400> 475
 Asp Pro Ser Ser Gly
 1 5

<210> 476
 <211> 4
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative linear modulating agent based on
 Protocadherin cell adhesion recognition sequence

<400> 476
 Ile Asp Pro Ser
 1

<210> 477
 <211> 5
 <212> PRT
 <213> Artificial Sequence

<220>

4005664 6900000

<400> 477
Ile Asp Pro Ser Ser
1 5

<220>
<223> Representative linear modulating agent based on
Protocadherin cell adhesion recognition sequence

<400> 478
 Ile Asp Pro Ser Ser Gly
 1 5

```
<210> 479
<211> 5
<212> PRT
<213> Artificial Sequence
```

<220>
<223> Representative linear modulating agent based on
Protocadherin cell adhesion recognition sequence

<400> 479
 Glu Ile Asp Pro Ser
 1 5

```
<210> 480
<211> 6
<212> PRT
<213> Artificial Sequence
```

<220>
<223> Representative linear modulating agent based on
Protocadherin cell adhesion recognition sequence

<400> 480
Glu Ile Asp Pro Ser Ser
1 5

```
<210> 481
<211> 7
<212> PRT
<213> Artificial Sequence
```

<220>
<223> Representative linear modulating agent based on
Protocadherin cell adhesion recognition sequence

<400> 481
Glu Ile Asp Pro Ser Ser Gly

1 5

<210> 482
<211> 6
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative linear modulating agent based on
Protocadherin cell adhesion recognition sequence

<400> 482
Phe Glu Ile Asp Pro Ser
1 5

<210> 483
<211> 7
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative linear modulating agent based on
Protocadherin cell adhesion recognition sequence

<400> 483
Phe Glu Ile Asp Pro Ser Ser
1 5

<210> 484
<211> 6
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative linear modulating agent based on
Protocadherin cell adhesion recognition sequence

<400> 484
Phe Glu Ile Asp Pro Ser
1 5

<210> 485
<211> 7
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative linear modulating agent based on
Protocadherin cell adhesion recognition sequence

<400> 485
Phe Glu Ile Asp Pro Ser Ser
1 5

<210> 486
<211> 8
<212> PRT

<220>

<400> 486

<210> 487

<211> 7

<212> PRT

<220>

<400> 487

<210> 488

<211> 8

<212> PRT

<220>

<400> 488

<210> 489

$\langle 211 \rangle$ 9

<212> PRT

$\langle 220 \rangle$

<400> 489

<210> 490

 $\langle 211 \rangle$ 4

<212> PRT

 $\langle 220 \rangle$

<223> Representative linear modulating agent based on Desomglein cell adhesion recognition sequence

<400> 490
Asn Gln Lys Thr
1

<210> 491
<211> 5
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative linear modulating agent based on
Desomglein cell adhesion recognition sequence

<400> 491
Asn Gln Lys Thr Gly
1 5

<210> 492
<211> 4
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative linear modulating agent based on
Desomglein cell adhesion recognition sequence

<400> 492
Ile Asn Gln Lys
1

<210> 493
<211> 5
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative linear modulating agent based on
Desomglein cell adhesion recognition sequence

<400> 493
Ile Asn Gln Lys Thr
1 5

<210> 494
<211> 6
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative linear modulating agent based on
Desomglein cell adhesion recognition sequence

<400> 494
Ile Asn Gln Lys Thr Gly
1 5

4006369-40304

<210> 495
 <211> 5
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative linear modulating agent based on
 Desomglein cell adhesion recognition sequence

<400> 495
 Val Ile Asn Gln Lys
 1 5

<210> 496
 <211> 6
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative linear modulating agent based on
 Desomglein cell adhesion recognition sequence

<400> 496
 Val Ile Asn Gln Lys Thr
 1 5

<210> 497
 <211> 7
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative linear modulating agent based on
 Desomglein cell adhesion recognition sequence

<400> 497
 Val Ile Asn Gln Lys Thr Gly
 1 5

<210> 498
 <211> 6
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative linear modulating agent based on
 Desomglein cell adhesion recognition sequence

<400> 498
 Phe Val Ile Asn Gln Lys
 1 5

<210> 499
 <211> 7
 <212> PRT
 <213> Artificial Sequence

#006946929004

<220>

<223> Representative linear modulating agent based on
Desomglein cell adhesion recognition sequence

<400> 499

Phe Val Ile Asn Gln Lys Thr
1 5

<210> 500

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative linear modulating agent based on
Desomglein cell adhesion recognition sequence

<400> 500

Phe Val Ile Asn Gln Lys Thr Gly
1 5

<210> 501

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative linear modulating agent based on
Desomglein cell adhesion recognition sequence

<400> 501

Ile Phe Val Ile Asn Gln Lys
1 5

<210> 502

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative linear modulating agent based on
Desomglein cell adhesion recognition sequence

<400> 502

Ile Phe Val Ile Asn Gln Lys Thr
1 5

<210> 503

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative linear modulating agent based on
Desomglein cell adhesion recognition sequence

<400> 503

1005259 42430
40004 69900

<220>
<223> Representative linear modulating agent based on Desomglein cell adhesion recognition sequence

```
<210> 505
<211> 5
<212> PRT
<213> Artificial Sequence
```

<220>
<223> Representative linear modulating agent based on Desomglein cell adhesion recognition sequence

```
<210> 506
<211> 4
<212> PRT
<213> Artificial Sequence
```

<220>
<223> Representative linear modulating agent based on Desomglein cell adhesion recognition sequence

```
<210> 507
<211> 5
<212> PRT
<213> Artificial Sequence
```

<220>
<223> Representative linear modulating agent based on
Desomglein cell adhesion recognition sequence

| | |
|-----------------------|-----|
| $\langle 210 \rangle$ | 508 |
| $\langle 211 \rangle$ | 6 |

<220>
<223> Representative linear modulating agent based on
Desomglein cell adhesion recognition sequence

<400> 508

<210> 509

<211> 5

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative linear modulating agent based on Desomglein cell adhesion recognition sequence

<400> 509

<210> 510

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative linear modulating agent based on Desomglein cell adhesion recognition sequence

<400> 510

<210> 511

<211> 7

<212> PRT

<213> Artificial Sequence

 $\langle 220 \rangle$

<223> Representative linear modulating agent based on Desomglein cell adhesion recognition sequence

<400> 511

<210> 512

 $\langle 211 \rangle$ 6

<212> PRT

<213> Artificial Sequence

<220>

<400> 512
Phe Ile Ile Asn Arg Asn
1 5

<220>
<223> Representative linear modulating agent based on Desomglein cell adhesion recognition sequence

```
<210> 514
<211> 8
<212> PRT
<213> Artificial Sequence
```

<400> 514
Phe Ile Ile Asn Arg Asn Thr Gly
1 5

```
<210> 515
<211> 7
<212> PRT
<213> Artificial Sequence
```

<220>
<223> Representative linear modulating agent based on
Desomglein cell adhesion recognition sequence

Met Phe Ile Ile Asn Arg Asn
1 5

```
<210> 516
<211> 8
<212> PRT
<213> Artificial Sequence
```

<220>
<223> Representative linear modulating agent based on
Desomglein cell adhesion recognition sequence

<400> 516
Met Phe Ile Ile Asn Arg Asn Thr

1 5

<210> 517
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative linear modulating agent based on
Desomglein cell adhesion recognition sequence

<400> 517
Met Phe Ile Ile Asn Arg Asn Thr Gly
1 5

<210> 518
<211> 4
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative linear modulating agent based on
Desomglein cell adhesion recognition sequence

<400> 518
Asn Lys Asp Thr
1

<210> 519
<211> 5
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative linear modulating agent based on
Desomglein cell adhesion recognition sequence

<400> 519
Asn Lys Asp Thr Gly
1 5

<210> 520
<211> 4
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative linear modulating agent based on
Desomglein cell adhesion recognition sequence

<400> 520
Leu Asn Lys Asp
1

<210> 521
<211> 5
<212> PRT

<213> Artificial Sequence

<220>

<223> Representative linear modulating agent based on
Desomglein cell adhesion recognition sequence

<400> 521

Leu Asn Lys Asp Thr
1 5

<210> 522

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative linear modulating agent based on
Desomglein cell adhesion recognition sequence

<400> 522

Leu Asn Lys Asp Thr Gly
1 5

<210> 523

<211> 5

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative linear modulating agent based on
Desomglein cell adhesion recognition sequence

<400> 523

Tyr Leu Asn Lys Asp
1 5

<210> 524

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative linear modulating agent based on
Desomglein cell adhesion recognition sequence

<400> 524

Tyr Leu Asn Lys Asp Thr
1 5

<210> 525

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative linear modulating agent based on
Desomglein cell adhesion recognition sequence

<400> 525

<211> 6

<212> PRT

<213> Artificial Sequence

$\langle 220 \rangle$

<223> Representative linear modulating agent based on Desomglein cell adhesion recognition sequence

<400> 526

<210> 527

<211> 7

<212> PRT

<213> Artificial Sequence

 $\langle 220 \rangle$

<223> Representative linear modulating agent based on Desomglein cell adhesion recognition sequence

<400> 527

<210> 528

<211> 8

<212> PRT

<213> Artificial Sequence

$\langle 220 \rangle$

<223> Representative linear modulating agent based on Desomglein cell adhesion recognition sequence

<400> 528

<210> 529

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative linear modulating agent based on Desomglein cell adhesion recognition sequence

<400> 529

<210> 530
 <211> 8
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative linear modulating agent based on
 Desomglein cell adhesion recognition sequence

<400> 530
 Val Phe Tyr Leu Asn Lys Asp Thr
 1 5

<210> 531
 <211> 9
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative linear modulating agent based on
 Desomglein cell adhesion recognition sequence

<400> 531
 Val Phe Tyr Leu Asn Lys Asp Thr Gly
 1 5

<210> 532
 <211> 4
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative linear modulating agent based on
 Desmocollin cell adhesion recognition sequence

<400> 532
 Glu Lys Asp Thr
 1

<210> 533
 <211> 5
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative linear modulating agent based on
 Desmocollin cell adhesion recognition sequence

<400> 533
 Glu Lys Asp Thr Gly
 1 5

<210> 534
 <211> 4
 <212> PRT
 <213> Artificial Sequence

Patent # 6,930,004

```

<220>
<223> Representative linear modulating agent based on
Desmocollin cell adhesion recognition sequence

<400> 534
Ile Glu Lys Asp
1

<210> 535
<211> 5
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative linear modulating agent based on
Desmocollin cell adhesion recognition sequence

<400> 535
Ile Glu Lys Asp Thr
1 5

<210> 536
<211> 6
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative linear modulating agent based on
Desmocollin cell adhesion recognition sequence

<400> 536
Ile Glu Lys Asp Thr Gly
1 5

<210> 537
<211> 5
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative linear modulating agent based on
Desmocollin cell adhesion recognition sequence

<400> 537
Tyr Ile Glu Lys Asp
1 5

<210> 538
<211> 6
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative linear modulating agent based on
Desmocollin cell adhesion recognition sequence

<400> 538

```

Tyr Ile Glu Lys Asp Thr
1 5

<210> 539
<211> 7
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative linear modulating agent based on
Desmocollin cell adhesion recognition sequence

<400> 539

Tyr Ile Glu Lys Asp Thr Gly
1 5

<210> 540
<211> 6
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative linear modulating agent based on
Desmocollin cell adhesion recognition sequence

<400> 540

Phe Tyr Ile Glu Lys Asp
1 5

<210> 541
<211> 7
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative linear modulating agent based on
Desmocollin cell adhesion recognition sequence

<400> 541

Phe Tyr Ile Glu Lys Asp Thr
1 5

<210> 542
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative linear modulating agent based on
Desmocollin cell adhesion recognition sequence

<400> 542

Phe Tyr Ile Glu Lys Asp Thr Gly
1 5

<210> 543
<211> 7

63330004

<400> 547
 Glu Arg Asp Thr Gly
 1 5

<220>
<223> Representative linear modulating agent based on
Desmocollin cell adhesion recognition sequence

```
<210> 549
<211> 5
<212> PRT
<213> Artificial Sequence
```

<220>
<223> Representative linear modulating agent based on
Desmocollin cell adhesion recognition sequence

```
<210> 550
<211> 6
<212> PRT
<213> Artificial Sequence
```

<220>
<223> Representative linear modulating agent based on
Desmocollin cell adhesion recognition sequence

```
<210> 551
<211> 5
<212> PRT
<213> Artificial Sequence
```

<220>
<223> Representative linear modulating agent based on
Desmocollin cell adhesion recognition sequence

<400> 551
Tyr Val Glu Arg Asp

1 5
 <210> 552
 <211> 6
 <212> PRT
 <213> Artificial Sequence

 <220>
 <223> Representative linear modulating agent based on
 Desmocollin cell adhesion recognition sequence

 <400> 552
 Tyr Val Glu Arg Asp Thr
 1 5

 <210> 553
 <211> 7
 <212> PRT
 <213> Artificial Sequence

 <220>
 <223> Representative linear modulating agent based on
 Desmocollin cell adhesion recognition sequence

 <400> 553
 Tyr Val Glu Arg Asp Thr Gly
 1 5

 <210> 554
 <211> 6
 <212> PRT
 <213> Artificial Sequence

 <220>
 <223> Representative linear modulating agent based on
 Desmocollin cell adhesion recognition sequence

 <400> 554
 Phe Tyr Val Glu Arg Asp
 1 5

 <210> 555
 <211> 7
 <212> PRT
 <213> Artificial Sequence

 <220>
 <223> Representative linear modulating agent based on
 Desmocollin cell adhesion recognition sequence

 <400> 555
 Phe Tyr Val Glu Arg Asp Thr
 1 5

 <210> 556
 <211> 8
 <212> PRT

Patent 6,339,007
 10/2000

<220>

<400> 556

<210> 557

<211> 7

<212> PRT

 $\langle 220 \rangle$

<400> 557

<210> 558

<211> 8

<212> PRT

 $\langle 220 \rangle$

<400> 558

<210> 559

<211> 9

<212> PRT

<220>

<400> 559

<210> 560

<211> 4

<212> PRT

 $\langle 220 \rangle$

<223> Representative linear modulating agent based on
Desmocollin cell adhesion recognition sequence

<400> 560

<210> 561

 $\langle 220 \rangle$

<400> 561

<210> 562

 $\langle 220 \rangle$

<400> 562

<210> 563

<220>

<400> 563

<210> 564

<220>

<400> 564

<210> 565
 <211> 7
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative linear modulating agent based on
 Desmocollin cell adhesion recognition sequence

<400> 565
 Tyr Ile Glu Arg Asp Thr Gly
 1 5

<210> 566
 <211> 6
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative linear modulating agent based on
 Desmocollin cell adhesion recognition sequence

<400> 566
 Phe Tyr Ile Glu Arg Asp
 1 5

<210> 567
 <211> 7
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative linear modulating agent based on
 Desmocollin cell adhesion recognition sequence

<400> 567
 Phe Tyr Ile Glu Arg Asp Thr
 1 5

<210> 568
 <211> 8
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative linear modulating agent based on
 Desmocollin cell adhesion recognition sequence

<400> 568
 Phe Tyr Ile Glu Arg Asp Thr Gly
 1 5

<210> 569
 <211> 7
 <212> PRT
 <213> Artificial Sequence

Patent # 6,939,001

<223> Representative linear modulating agent based on
Desmocollin cell adhesion recognition sequence

Leu Phe Tyr Ile Glu Arg Asp
1 5

<213> Artificial Sequence

<223> Representative linear modulating agent based on
Desmocollin cell adhesion recognition sequence

Leu Phe Tyr Ile Glu Arg Asp Thr
1 5

<213> Artificial Sequence

<223> Representative linear modulating agent based on
Desmocollin cell adhesion recognition sequence

Leu Phe Tyr Ile Glu Arg Asp Thr Gly
1 5

<213> Artificial Sequence

<223> Representative linear modulating agent based on
cadherin-related neuronal receptor cell adhesion
recognition sequence

Asp Pro Val Ser
1

<213> Artificial Sequence

<223> Representative linear modulating agent based on
cadherin-related neuronal receptor cell adhesion
recognition sequence

<400> 573

<210> 574

<212> PRT

<213> Art.

<223> Representative linear modulating agent based on
cadherin-related neuronal receptor cell adhesion
recognition sequence

<400> 574

<210> 575

<212> PRT

<213> Art

<223> Representative linear modulating agent based on
cadherin-related neuronal receptor cell adhesion
recognition sequence

<400> 575

<210> 576

<212> PRT

<213> Art

<223> Representative linear modulating agent based on cadherin-related neuronal receptor cell adhesion recognition sequence

<400> 576

<210> 577

<212> PRT

<213> Art

<223> Representative linear modulating agent based on cadherin-related neuronal receptor cell adhesion recognition sequence

<400> 577
His Ile Asp Pro Val
1 5

<210> 578
<211> 6
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative linear modulating agent based on
cadherin-related neuronal receptor cell adhesion
recognition sequence

<400> 578
His Ile Asp Pro Val Ser
1 5

<210> 579
<211> 7
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative linear modulating agent based on
cadherin-related neuronal receptor cell adhesion
recognition sequence

<400> 579
His Ile Asp Pro Val Ser Gly
1 5

<210> 580
<211> 6
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative linear modulating agent based on
cadherin-related neuronal receptor cell adhesion
recognition sequence

<400> 580
Phe His Ile Asp Pro Val
1 5

<210> 581
<211> 7
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative linear modulating agent based on
cadherin-related neuronal receptor cell adhesion
recognition sequence

<400> 581


```
<210> 582
<211> 8
<212> PRT
<213> Artificial Sequence
```

<220>
<223> Representative linear modulating agent based on
cadherin-related neuronal receptor cell adhesion
recognition sequence

Phe His Ile Asp Pro Val Ser Gly
1 5

```
<210> 583
<211> 7
<212> PRT
<213> Artificial Sequence
```

<220>
<223> Representative linear modulating agent based on
cadherin-related neuronal receptor cell adhesion
recognition sequence

Lys Phe His Ile Asp Pro Val
1 5

```
<210> 584
<211> 8
<212> PRT
<213> Artificial Sequence
```

<220>
<223> Representative linear modulating agent based on
cadherin-related neuronal receptor cell adhesion
recognition sequence

Lys Phe His Ile Asp Pro Val Ser
1 5

```
<210> 585
<211> 9
<212> PRT
<213> Artificial Sequence
```

<220>
<223> Representative linear modulating agent based on
cadherin-related neuronal receptor cell adhesion
recognition sequence

Lys Phe His Ile Asp Pro Val Ser Gly

1

5

<210> 586

<211> 4

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative linear modulating agent based on
cadherin-related neuronal receptor cell adhesion
recognition sequence

<400> 586

Asp Ala Asp Thr

1

<210> 587

<211> 5

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative linear modulating agent based on
cadherin-related neuronal receptor cell adhesion
recognition sequence

<400> 587

Asp Ala Asp Thr Gly

1

5

<210> 588

<211> 4

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative linear modulating agent based on
cadherin-related neuronal receptor cell adhesion
recognition sequence

<400> 588

Ile Asp Ala Asp

1

<210> 589

<211> 5

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative linear modulating agent based on
cadherin-related neuronal receptor cell adhesion
recognition sequence

<400> 589

Ile Asp Ala Asp Thr

1

5

Patent Application No. 2004/0000000

<210> 590
 <211> 6
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative linear modulating agent based on
 cadherin-related neuronal receptor cell adhesion
 recognition sequence

<400> 590
 Ile Asp Ala Asp Thr Gly
 1 5

<210> 591
 <211> 5
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative linear modulating agent based on
 cadherin-related neuronal receptor cell adhesion
 recognition sequence

<400> 591
 Ser Ile Asp Ala Asp
 1 5

<210> 592
 <211> 6
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative linear modulating agent based on
 cadherin-related neuronal receptor cell adhesion
 recognition sequence

<400> 592
 Ser Ile Asp Ala Asp Thr
 1 5

<210> 593
 <211> 7
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative linear modulating agent based on
 cadherin-related neuronal receptor cell adhesion
 recognition sequence

<400> 593
 Ser Ile Asp Ala Asp Thr Gly
 1 5

Patent 6,939,004

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative linear modulating agent based on
cadherin-related neuronal receptor cell adhesion
recognition sequence

<400> 594

Phe Ser Ile Asp Ala Asp

1

5

<210> 595

$\langle 211 \rangle$ 7

<212> PRT

<213> Artificial Sequence

$\langle 220 \rangle$

<223> Representative linear modulating agent based on
cadherin-related neuronal receptor cell adhesion
recognition sequence

<400> 595

Phe Ser Ile Asp Ala Asp Thr

1

5

<210> 596

<211> 8

<212> PRT

<213> Artificial Sequence

$\langle 220 \rangle$

<223> Representative linear modulating agent based on
cadherin-related neuronal receptor cell adhesion
recognition sequence

<400> 596

Phe Ser Ile Asp Ala Asp Thr Gly

1

5

<210> 597

<211> 7

<212> PRT

<213> Artificial Sequence

 $\langle 220 \rangle$

<223> Representative linear modulating agent based on
cadherin-related neuronal receptor cell adhesion
recognition sequence

<400> 597

Gln Phe Ser Ile Asp Ala Asp

1

5.

<210> 598

<220>
<223> Representative linear modulating agent based on
cadherin-related neuronal receptor cell adhesion
recognition sequence

<400> 598

<210> 599

<220>

<400> 599

$\langle 210 \rangle$ 600

 $\langle 220 \rangle$

<400> 600

<210> 601

<220>

<400> 601

<210> 602

<212> PRT

<220>

<400> 606

<210> 607

<211> 7

<212> PRT

<220>

<400> 607

<210> 608

<211> 6

<212> PRT

 $\langle 220 \rangle$

<400> 608

<210> 609

<211> 7

<212> PRT

$\langle 220 \rangle$

<40.0> 609

<210> 610

<211> 8

<212> PRT

<220>

<400> 610

<210> 611

$\langle 211 \rangle$ 7

<212> PRT

<220>

<400> 611

<210> 612

<211> 8

<212> PRT

 $\langle 220 \rangle$

<400> 612

<210> 613

<211> 9

<212> PRT

$\langle 220 \rangle$

<400> 613

<210> 614

$\langle 211 \rangle$ 4

<212> PRT

<220>

<400> 614

1

<211> 5

<213> Artificial Sequence

 $\langle 220 \rangle$

<400> 615

1

5

<211> 4

<212> PRT

<213> Artificial Sequence

 $\langle 220 \rangle$

<400> 616

1

<211> 5

<212> PRT

<213> Artificial Sequence

 $\langle 220 \rangle$

<400> 617

1

5

<211> 6

<212> PRT

<220>

<400> 618

<210> 619

<212> PRT

$\langle 220 \rangle$

<400> 619

$\langle 210 \rangle$ 620

<212> PRT

$\langle 220 \rangle$

<400> 620

$\langle 210 \rangle$ 621

<212> PRT

<220>

<400> 621

$\langle 210 \rangle$ 622

<212> PRT

<220>

<400> 626

<210> 627

<212> PRT

 $\langle 220 \rangle$

<400> 627

<210> 628

<212> PRT

 $\langle 220 \rangle$

<400> 628

<210> 629

<212> PRT

<220>

<400> 629

<210> 630

<212> PRT

$\langle 220 \rangle$

<400> 630

<210> 631

<211> 5

<212> PRT

 $\langle 220 \rangle$

<400> 631

 $\langle 210 \rangle$ 632

<211> 6

<212> PRT

 $\langle 220 \rangle$

<400> 632

<210> 633

$\langle 211 \rangle$ 5

<212> PRT

<220>

<400> 633

<210> 634

$\langle 211 \rangle$ 6

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative linear modulating agent based on
cadherin-related neuronal receptor cell adhesion
recognition sequence

<400> 634

Thr Ile Asp Ser Ser Ser
1 5

<210> 635

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative linear modulating agent based on
cadherin-related neuronal receptor cell adhesion
recognition sequence

<400> 635

Thr Ile Asp Ser Ser Ser Gly
1 5

<210> 636

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative linear modulating agent based on
cadherin-related neuronal receptor cell adhesion
recognition sequence

<400> 636

Phe Thr Ile Asp Ser Ser
1 5

<210> 637

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative linear modulating agent based on
cadherin-related neuronal receptor cell adhesion
recognition sequence

<400> 637

Phe Thr Ile Asp Ser Ser Ser
1 5

<210> 638

<211> 8

<212> PRT

Patent 6,939,001

$\langle 220 \rangle$

<400> 638

<210> 639

 $\langle 211 \rangle$ 7

<212> PRT

<220>

<400> 639

<210> 640

<211> 8

<212> PRT

 $\langle 220 \rangle$

<400> 640

<210> 641

<211> 9

<212> PRT

<220>

<400> 641

$\langle 210 \rangle$ 642

 $\langle 211 \rangle$ 4

<212> PRT

$\langle 220 \rangle$

<400> 642

1

<211> 5

<213> Artificial Sequence

 $\langle 220 \rangle$

<400> 643

1

5

<211> 4

<213> Artificial Sequence

 $\langle 220 \rangle$

<400> 644

1

<211> 5

<213> Artificial Sequence

<220>

<400> 645

1

5

$\langle 211 \rangle$ 6

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative linear modulating agent based on
cadherin-related neuronal receptor cell adhesion
recognition sequence

<400> 650

Phe Thr Leu Asp Glu Lys
1 5

<210> 651

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative linear modulating agent based on
cadherin-related neuronal receptor cell adhesion
recognition sequence

<400> 651

Phe Thr Leu Asp Glu Lys Asn
1 5

<210> 652

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative linear modulating agent based on
cadherin-related neuronal receptor cell adhesion
recognition sequence

<400> 652

Phe Thr Leu Asp Glu Lys Asn Gly
1 5

<210> 653

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative linear modulating agent based on
cadherin-related neuronal receptor cell adhesion
recognition sequence

<400> 653

Leu Phe Thr Leu Asp Glu Lys
1 5

<210> 654

<211> 8

<212> PRT

1000664001

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative linear modulating agent based on
cadherin-related neuronal receptor cell adhesion
recognition sequence

<400> 658

Ile Asn Glu Lys

1

<210> 659

<211> 5

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative linear modulating agent based on
cadherin-related neuronal receptor cell adhesion
recognition sequence

<400> 659

Ile Asn Glu Lys Thr

1

5

<210> 660

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative linear modulating agent based on
cadherin-related neuronal receptor cell adhesion
recognition sequence

<400> 660

Ile Asn Glu Lys Thr Gly

1

5

<210> 661

<211> 5

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative linear modulating agent based on
cadherin-related neuronal receptor cell adhesion
recognition sequence

<400> 661

Leu Ile Asn Glu Lys

1

5

<210> 662

<211> 6

<212> PRT

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100

<213> Artificial Sequence

<220>

<223> Representative linear modulating agent based on
cadherin-related neuronal receptor cell adhesion
recognition sequence

<400> 662

Leu Ile Asn Glu Lys Thr
1 5

<210> 663

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative linear modulating agent based on
cadherin-related neuronal receptor cell adhesion
recognition sequence

<400> 663

Leu Ile Asn Glu Lys Thr Gly
1 5

<210> 664

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative linear modulating agent based on
cadherin-related neuronal receptor cell adhesion
recognition sequence

<400> 664

Phe Leu Ile Asn Glu Lys
1 5

<210> 665

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative linear modulating agent based on
cadherin-related neuronal receptor cell adhesion
recognition sequence

<400> 665

Phe Leu Ile Asn Glu Lys Thr
1 5

<210> 666

<211> 8

<212> PRT

1005001 665001

<213> Artificial Sequence

<220>

<223> Representative linear modulating agent based on
cadherin-related neuronal receptor cell adhesion
recognition sequence

<400> 666

Phe Leu Ile Asn Glu Lys Thr Gly
1 5

<210> 667

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative linear modulating agent based on
cadherin-related neuronal receptor cell adhesion
recognition sequence

<400> 667

Lys Phe Leu Ile Asn Glu Lys
1 5

<210> 668

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative linear modulating agent based on
cadherin-related neuronal receptor cell adhesion
recognition sequence

<400> 668

Lys Phe Leu Ile Asn Glu Lys Thr
1 5

<210> 669

<211> 5

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
OB-cadherin cell adhesion recognition sequence

<400> 669

Cys Asp Asp Lys Cys
1 5

<210> 670

<211> 6

<212> PRT

<213> Artificial Sequence

<223> Representative cyclic modulating agent based on OB-cadherin cell adhesion recognition sequence

```
<210> 671
<211> 6
<212> PRT
<213> Artificial Sequence
```

<400> 671
 Cys Asp Asp Lys Ser Cys
 1 5

```
<210> 672
<211> 7
<212> PRT
<213> Artificial Sequence
```

<220>
<223> Representative cyclic modulating agent based on
OB-cadherin cell adhesion recognition sequence

<400> 672
 Cys Val Ile Asp Asp Lys Cys
 1 5

```
<210> 673
<211> 7
<212> PRT
<213> Artificial Sequence
```

<220>
<223> Representative cyclic modulating agent based on
OB-cadherin cell adhesion recognition sequence

$\begin{array}{ccccccc} & & & <400> & 673 & & \\ \text{Cys} & \text{Ile} & \text{Asp} & \text{Asp} & \text{Lys} & \text{Ser} & \text{Cys} \\ 1 & & & & 5 & & \end{array}$

```
<210> 674
<211> 8
<212> PRT
<213> Artificial Sequence
```

<220>
<223> Representative cyclic modulating agent based on
OB-cadherin cell adhesion recognition sequence

<400> 674

Cys Val Ile Asp Asp Lys Ser Cys
1 5

<210> 675
<211> 7
<212> PRT
<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
OB-cadherin cell adhesion recognition sequence

<400> 675

Cys Asp Asp Lys Ser Gly Cys
1 5

<210> 676
<211> 8
<212> PRT
<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
OB-cadherin cell adhesion recognition sequence

<400> 676

Cys Ile Asp Asp Lys Ser Gly Cys
1 5

<210> 677
<211> 9
<212> PRT
<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
OB-cadherin cell adhesion recognition sequence

<400> 677

Cys Val Ile Asp Asp Lys Ser Gly Cys
1 5

<210> 678
<211> 8
<212> PRT
<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
OB-cadherin cell adhesion recognition sequence

<400> 678

Cys Phe Val Ile Asp Asp Lys Cys
1 5

<210> 679
<211> 9

40063646246939001

<212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 OB-cadherin cell adhesion recognition sequence

<400> 679
 Cys Phe Val Ile Asp Asp Lys Ser Cys
 1 5

<210> 680
 <211> 10
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 OB-cadherin cell adhesion recognition sequence

<400> 680
 Cys Phe Val Ile Asp Asp Lys Ser Gly Cys
 1 5 10

<210> 681
 <211> 9
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 OB-cadherin cell adhesion recognition sequence

<400> 681
 Cys Ile Phe Val Ile Asp Asp Lys Cys
 1 5

<210> 682
 <211> 10
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 OB-cadherin cell adhesion recognition sequence

<400> 682
 Cys Ile Phe Val Ile Asp Asp Lys Ser Cys
 1 5 10

<210> 683
 <211> 11
 <212> PRT
 <213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
OB-cadherin cell adhesion recognition sequence

<400> 683

Cys Ile Phe Val Ile Asp Asp Lys Ser Gly Cys
1 5 10

<210> 684

<211> 5

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
OB-cadherin cell adhesion recognition sequence

<400> 684

Asp Asp Asp Lys Lys
1 5

<210> 685

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
OB-cadherin cell adhesion recognition sequence

<400> 685

Asp Ile Asp Asp Lys Lys
1 5

<210> 686

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
OB-cadherin cell adhesion recognition sequence

<400> 686

Asp Val Ile Asp Asp Lys Lys
1 5

<210> 687

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
OB-cadherin cell adhesion recognition sequence

<400> 687

Asp Phe Val Ile Asp Asp Lys Lys

1 5
 <210> 688
 <211> 9
 <212> PRT
 <213> Artificial Sequence

 <220>
 <223> Representative cyclic modulating agent based on
 OB-cadherin cell adhesion recognition sequence

 <400> 688
 Asp Ile Phe Val Ile Asp Asp Lys Lys
 1 5

 <210> 689
 <211> 5
 <212> PRT
 <213> Artificial Sequence

 <220>
 <223> Representative cyclic modulating agent based on
 OB-cadherin cell adhesion recognition sequence

 <400> 689
 Glu Asp Asp Lys Lys
 1 5

 <210> 690
 <211> 6
 <212> PRT
 <213> Artificial Sequence

 <220>
 <223> Representative cyclic modulating agent based on
 OB-cadherin cell adhesion recognition sequence

 <400> 690
 Glu Ile Asp Asp Lys Lys
 1 5

 <210> 691
 <211> 7
 <212> PRT
 <213> Artificial Sequence

 <220>
 <223> Representative cyclic modulating agent based on
 OB-cadherin cell adhesion recognition sequence

 <400> 691
 Glu Val Ile Asp Asp Lys Lys
 1 5

 <210> 692
 <211> 8
 <212> PRT

"688" "689" "690" "691" "692"

<220>

<400> 692

<210> 693

<211> 9

<212> PRT

 $\langle 220 \rangle$

<400> 693

<210> 694

<211> 6

<212> PRT

 $\langle 220 \rangle$

<400> 694

<210> 695

<211> 7

<212> PRT

$\langle 220 \rangle$

<400> 695

<210> 696

<211> 8

<212> PRT

 $\langle 220 \rangle$

<223> Representative cyclic modulating agent based on OB-cadherin cell adhesion recognition sequence

<210> 701
 <211> 7
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 OB-cadherin cell adhesion recognition sequence

<400> 701
 Lys Ile Asp Asp Lys Ser Asp
 1 5

<210> 702
 <211> 8
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 OB-cadherin cell adhesion recognition sequence

<400> 702
 Lys Val Ile Asp Asp Lys Ser Asp
 1 5

<210> 703
 <211> 7
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 OB-cadherin cell adhesion recognition sequence

<400> 703
 Lys Asp Asp Lys Ser Gly Asp
 1 5

<210> 704
 <211> 8
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 OB-cadherin cell adhesion recognition sequence

<400> 704
 Lys Ile Asp Asp Lys Ser Gly Asp
 1 5

<210> 705
 <211> 9
 <212> PRT
 <213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
OB-cadherin cell adhesion recognition sequence

<400> 705

Lys Val Ile Asp Asp Lys Ser Gly Asp
1 5

<210> 706

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
OB-cadherin cell adhesion recognition sequence

<400> 706

Lys Phe Val Ile Asp Asp Lys Asp
1 5

<210> 707

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
OB-cadherin cell adhesion recognition sequence

<400> 707

Lys Phe Val Ile Asp Asp Lys Ser Asp
1 5

<210> 708

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
OB-cadherin cell adhesion recognition sequence

<400> 708

Lys Phe Val Ile Asp Asp Lys Ser Gly Asp
1 5 10

<210> 709

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
OB-cadherin cell adhesion recognition sequence

<400> 709

Lys Ile Phe Val Ile Asp Asp Lys Asp
1 5

<210> 710
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
OB-cadherin cell adhesion recognition sequence

<400> 710

Lys Ile Phe Val Ile Asp Asp Lys Ser Asp
1 5 10

<210> 711
<211> 11
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
OB-cadherin cell adhesion recognition sequence

<400> 711

Lys Ile Phe Val Ile Asp Asp Lys Ser Gly Asp
1 5 10

<210> 712
<211> 5
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
OB-cadherin cell adhesion recognition sequence

<400> 712

Val Ile Asp Asp Lys
1 5

<210> 713
<211> 5
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
OB-cadherin cell adhesion recognition sequence

<400> 713

Ile Asp Asp Lys Ser
1 5

<210> 714
<211> 6

<223> Representative cyclic modulating agent based on
OB-cadherin cell adhesion recognition sequence

<400> 718

Ile Phe Val Ile Asp Asp Lys
1 5

<210> 719

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
OB-cadherin cell adhesion recognition sequence

<400> 719

Ile Phe Val Ile Asp Asp Lys Ser
1 5

<210> 720

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
OB-cadherin cell adhesion recognition sequence

<400> 720

Ile Phe Val Ile Asp Asp Lys Ser Gly
1 5

<210> 721

<211> 5

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
OB-cadherin cell adhesion recognition sequence

<400> 721

Lys Asp Asp Lys Glu
1 5

<210> 722

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
OB-cadherin cell adhesion recognition sequence

<400> 722

Lys Ile Asp Asp Lys Glu

1 5

<210> 723
 <211> 6
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 OB-cadherin cell adhesion recognition sequence

<400> 723
 Lys Asp Asp Lys Ser Glu
 1 5

<210> 724
 <211> 7
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 OB-cadherin cell adhesion recognition sequence

<400> 724
 Lys Val Ile Asp Asp Lys Glu
 1 5

<210> 725
 <211> 7
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 OB-cadherin cell adhesion recognition sequence

<400> 725
 Lys Ile Asp Asp Lys Ser Glu
 1 5

<210> 726
 <211> 8
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 OB-cadherin cell adhesion recognition sequence

<400> 726
 Lys Val Ile Asp Asp Lys Ser Glu
 1 5

<210> 727
 <211> 7
 <212> PRT

TOP SECRET 6939007

<220>

<400> 727

<210> 728

<211> 8

<212> PRT

<220>

<400> 728

<210> 729

<211> 9

<212> PRT

 $\langle 220 \rangle$

<400> 729

<210> 730

$\langle 211 \rangle$ 8

<212> PRT

$\langle 220 \rangle$

<400> 730

<210> 731

<211> 9

<212> PRT

 $\langle 220 \rangle$

<223> Representative cyclic modulating agent based on OB-cadherin cell adhesion recognition sequence

<400> 731
Lys Phe Val Ile Asp Asp Lys Ser Glu
1 5

```
<210> 732
<211> 10
<212> PRT
<213> Artificial Sequence
```

<220>
<223> Representative cyclic modulating agent based on
OB-cadherin cell adhesion recognition sequence

$\langle 400 \rangle$ 732
 Lys Phe Val Ile Asp Asp Lys Ser Gly Glu
 1 5 10

```
<210> 733
<211> 9
<212> PRT
<213> Artificial Sequence
```

<220>
<223> Representative cyclic modulating agent based on
OB-cadherin cell adhesion recognition sequence

<400> 733
Lys Ile Phe Val Ile Asp Asp Lys Glu
1 5

```
<210> 734
<211> 10
<212> PRT
<213> Artificial Sequence
```

<220>
<223> Representative cyclic modulating agent based on
OB-cadherin cell adhesion recognition sequence

$\langle 400 \rangle$ 734
 Lys Ile Phe Val Ile Asp Asp Lys Ser Glu
 1 5 10

```
<210> 735
<211> 11
<212> PRT
<213> Artificial Sequence
```

<220>
<223> Representative cyclic modulating agent based on
OB-cadherin cell adhesion recognition sequence

<400> 735
Lys Ile Phe Val Ile Asp Asp Lys Ser Gly Glu
1 5 10

<220>
<223> Representative cyclic modulating agent based on
OB-cadherin cell adhesion recognition sequence

```
<210> 737
<211> 6
<212> PRT
<213> Artificial Sequence
```

<400> 737
 Cys Ile Glu Glu Tyr Cys
 1 5

```
<210> 738
<211> 6
<212> PRT
<213> Artificial Sequence
```

<400> 738
 Cys Glu Glu Tyr Thr Cys
 1 5

```
<210> 739
<211> 7
<212> PRT
<213> Artificial Sequence
```

<220>
<223> Representative cyclic modulating agent based on
OB-cadherin cell adhesion recognition sequence

```
<210> 740
<211> 7
<212> PRT
<213> Artificial Sequence
```

<220>

<223> Representative cyclic modulating agent based on
OB-cadherin cell adhesion recognition sequence

<400> 740

Cys Ile Glu Glu Tyr Thr Cys
1 5

<210> 741

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
OB-cadherin cell adhesion recognition sequence

<400> 741

Cys Val Ile Glu Glu Tyr Thr Cys
1 5

<210> 742

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
OB-cadherin cell adhesion recognition sequence

<400> 742

Cys Glu Glu Tyr Thr Gly Cys
1 5

<210> 743

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
OB-cadherin cell adhesion recognition sequence

<400> 743

Cys Ile Glu Glu Tyr Thr Gly Cys
1 5

<210> 744

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
OB-cadherin cell adhesion recognition sequence

<400> 744

Cys Val Ile Glu Glu Tyr Thr Gly Cys
1 5

<210> 745
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
OB-cadherin cell adhesion recognition sequence

<400> 745

Cys Phe Val Ile Glu Glu Tyr Cys
1 5

<210> 746
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
OB-cadherin cell adhesion recognition sequence

<400> 746

Cys Phe Val Ile Glu Glu Tyr Thr Cys
1 5

<210> 747
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
OB-cadherin cell adhesion recognition sequence

<400> 747

Cys Phe Val Ile Glu Glu Tyr Thr Gly Cys
1 5 10

<210> 748
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
OB-cadherin cell adhesion recognition sequence

<400> 748

Cys Phe Phe Val Ile Glu Glu Tyr Cys
1 5

<210> 749
<211> 10

<212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 OB-cadherin cell adhesion recognition sequence

<400> 749
 Cys Phe Phe Val Ile Glu Glu Tyr Thr Cys
 1 5 10

<210> 750
 <211> 11
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 OB-cadherin cell adhesion recognition sequence

<400> 750
 Cys Phe Phe Val Ile Glu Glu Tyr Thr Gly Cys
 1 5 10

<210> 751
 <211> 5
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 OB-cadherin cell adhesion recognition sequence

<400> 751
 Lys Glu Glu Tyr Asp
 1 5

<210> 752
 <211> 6
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 OB-cadherin cell adhesion recognition sequence

<400> 752
 Lys Ile Glu Glu Tyr Asp
 1 5

<210> 753
 <211> 6
 <212> PRT
 <213> Artificial Sequence

<220>

400594204

1 5

<210> 758
 <211> 8
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 OB-cadherin cell adhesion recognition sequence

<400> 758
 Lys Ile Glu Glu Tyr Thr Gly Asp
 1 5

<210> 759
 <211> 9
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 OB-cadherin cell adhesion recognition sequence

<400> 759
 Lys Val Ile Glu Glu Tyr Thr Gly Asp
 1 5

<210> 760
 <211> 8
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 OB-cadherin cell adhesion recognition sequence

<400> 760
 Lys Phe Val Ile Glu Glu Tyr Asp
 1 5

<210> 761
 <211> 9
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 OB-cadherin cell adhesion recognition sequence

<400> 761
 Lys Phe Val Ile Glu Glu Tyr Thr Asp
 1 5

<210> 762
 <211> 10
 <212> PRT

TOP SECRET 6939001

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
OB-cadherin cell adhesion recognition sequence

<400> 762

| | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Lys | Phe | Val | Ile | Glu | Glu | Tyr | Thr | Gly | Asp |
| 1 | | | | 5 | | | | 10 | |

<210> 763

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
OB-cadherin cell adhesion recognition sequence

<400> 763

| | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Lys | Phe | Phe | Val | Ile | Glu | Glu | Tyr | Asp |
| 1 | | | | 5 | | | | |

<210> 764

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
OB-cadherin cell adhesion recognition sequence

<400> 764

| | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Lys | Phe | Phe | Val | Ile | Glu | Glu | Tyr | Thr | Asp |
| 1 | | | | 5 | | | | 10 | |

<210> 765

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
OB-cadherin cell adhesion recognition sequence

<400> 765

| | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Lys | Phe | Phe | Val | Ile | Glu | Glu | Tyr | Thr | Gly | Asp |
| 1 | | | | 5 | | | | | 10 | |

<210> 766

<211> 5

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
OB-cadherin cell adhesion recognition sequence

100565-10304

<400> 766
 Glu Glu Glu Tyr Lys
 1 5

<210> 767
 <211> 6
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 OB-cadherin cell adhesion recognition sequence

<400> 767
 Glu Ile Glu Glu Tyr Lys
 1 5

<210> 768
 <211> 6
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 OB-cadherin cell adhesion recognition sequence

<400> 768
 Glu Glu Glu Tyr Thr Lys
 1 5

<210> 769
 <211> 7
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 OB-cadherin cell adhesion recognition sequence

<400> 769
 Glu Val Ile Glu Glu Tyr Lys
 1 5

<210> 770
 <211> 7
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 OB-cadherin cell adhesion recognition sequence

<400> 770
 Glu Ile Glu Glu Tyr Thr Lys
 1 5

102021-533007

<223> Representative cyclic modulating agent based on OB-cadherin cell adhesion recognition sequence

Glu Phe Val Ile Glu Glu Tyr Lys
1 5

<213> Artificial Sequence

<223> Representative cyclic modulating agent based on OB-cadherin cell adhesion recognition sequence

Glu Phe Val Ile Glu Glu Tyr Thr Lys
1 5

<213> Artificial Sequence

<223> Representative cyclic modulating agent based on OB-cadherin cell adhesion recognition sequence

Glu Phe Val Ile Glu Glu Tyr Thr Gly Lys
1 5 10

<213> Artificial Sequence

<223> Representative cyclic modulating agent based on OB-cadherin cell adhesion recognition sequence

Glu Phe Phe Val Ile Glu Glu Tyr Lys
1 5

<213> Artificial Sequence

<223> Representative cyclic modulating agent based on OB-cadherin cell adhesion recognition sequence

<400> 779

<223> Representative cyclic modulating agent based on
OB-cadherin cell adhesion recognition sequence

<400> 788

Asp Ile Glu Glu Tyr Thr Gly Lys
1 5

<210> 789

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
OB-cadherin cell adhesion recognition sequence

<400> 789

Asp Val Ile Glu Glu Tyr Thr Gly Lys
1 5

<210> 790

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
OB-cadherin cell adhesion recognition sequence

<400> 790

Asp Phe Val Ile Glu Glu Tyr Lys
1 5

<210> 791

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
OB-cadherin cell adhesion recognition sequence

<400> 791

Asp Phe Val Ile Glu Glu Tyr Thr Lys
1 5

<210> 792

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
OB-cadherin cell adhesion recognition sequence

<400> 792

Asp Phe Val Ile Glu Glu Tyr Thr Gly Lys

$\langle 220 \rangle$

<400> 797

<210> 798

<211> 6

<212> PRT

 $\langle 220 \rangle$

<400> 798

<210> 799

$\langle 211 \rangle$ 7

<212> PRT

<220>

<400> 799

<210> 800

<211> 7

<212> PRT

<220>

<400> 800

<210> 801

$\langle 211 \rangle$ 8

<212> PRT

<220>

<223> Representative cyclic modulating agent based on OB-cadherin cell adhesion recognition sequence

<400> 801
Lys Val Ile Glu Glu Tyr Thr Glu
1 5

<210> 802
<211> 7
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
OB-cadherin cell adhesion recognition sequence

<400> 802
Lys Glu Glu Tyr Thr Gly Glu
1 5

<210> 803
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
OB-cadherin cell adhesion recognition sequence

<400> 803
Lys Ile Glu Glu Tyr Thr Gly Glu
1 5

<210> 804
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
OB-cadherin cell adhesion recognition sequence

<400> 804
Lys Val Ile Glu Glu Tyr Thr Gly Glu
1 5

<210> 805
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
OB-cadherin cell adhesion recognition sequence

<400> 805
Lys Phe Val Ile Glu Glu Tyr Glu
1 5

1005334-1005334

<210> 806
 <211> 9
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 OB-cadherin cell adhesion recognition sequence

<400> 806
 Lys Phe Val Ile Glu Glu Tyr Thr Glu
 1 5

<210> 807
 <211> 10
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 OB-cadherin cell adhesion recognition sequence

<400> 807
 Lys Phe Val Ile Glu Glu Tyr Thr Gly Glu
 1 5 10

<210> 808
 <211> 9
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 OB-cadherin cell adhesion recognition sequence

<400> 808
 Lys Phe Phe Val Ile Glu Glu Tyr Glu
 1 5

<210> 809
 <211> 10
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 OB-cadherin cell adhesion recognition sequence

<400> 809
 Lys Phe Phe Val Ile Glu Glu Tyr Thr Glu
 1 5 10

<210> 810
 <211> 11
 <212> PRT
 <213> Artificial Sequence

406667 "633000"

<220>

<223> Representative cyclic modulating agent based on
OB-cadherin cell adhesion recognition sequence

<400> 810

Lys Phe Phe Val Ile Glu Glu Tyr Thr Gly Glu
1 5 10

<210> 811

<211> 5

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
OB-cadherin cell adhesion recognition sequence

<400> 811

Val Ile Glu Glu Tyr
1 5

<210> 812

<211> 5

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
OB-cadherin cell adhesion recognition sequence

<400> 812

Ile Glu Glu Tyr Thr
1 5

<210> 813

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
OB-cadherin cell adhesion recognition sequence

<400> 813

Val Ile Glu Glu Tyr Thr
1 5

<210> 814

<211> 5

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
OB-cadherin cell adhesion recognition sequence

<400> 814

Patent # 6,939,007

1 5
 <210> 828
 <211> 8
 <212> PRT
 <213> Artificial Sequence

 <220>
 <223> Representative cyclic modulating agent based on
 OB-cadherin cell adhesion recognition sequence

 <400> 828
 Cys Ser Val Glu Ala Gln Thr Cys
 1 5

 <210> 829
 <211> 7
 <212> PRT
 <213> Artificial Sequence

 <220>
 <223> Representative cyclic modulating agent based on
 OB-cadherin cell adhesion recognition sequence

 <400> 829
 Cys Glu Ala Gln Thr Gly Cys
 1 5

 <210> 830
 <211> 8
 <212> PRT
 <213> Artificial Sequence

 <220>
 <223> Representative cyclic modulating agent based on
 OB-cadherin cell adhesion recognition sequence

 <400> 830
 Cys Val Glu Ala Gln Thr Gly Cys
 1 5

 <210> 831
 <211> 9
 <212> PRT
 <213> Artificial Sequence

 <220>
 <223> Representative cyclic modulating agent based on
 OB-cadherin cell adhesion recognition sequence

 <400> 831
 Cys Ser Val Glu Ala Gln Thr Gly Cys
 1 5

 <210> 832
 <211> 8
 <212> PRT

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100

<400> 836
 Cys Tyr Phe Ser Val Glu Ala Gln Thr Cys
 1 5 10

<210> 837
 <211> 11
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 OB-cadherin cell adhesion recognition sequence

<400> 837
 Cys Tyr Phe Ser Val Glu Ala Gln Thr Gly Cys
 1 5 10

<210> 838
 <211> 5
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 OB-cadherin cell adhesion recognition sequence

<400> 838
 Lys Glu Ala Gln Asp
 1 5

<210> 839
 <211> 6
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 OB-cadherin cell adhesion recognition sequence

<400> 839
 Lys Val Glu Ala Gln Asp
 1 5

<210> 840
 <211> 6
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 OB-cadherin cell adhesion recognition sequence

<400> 840
 Lys Glu Ala Gln Thr Asp
 1 5

400 836 10 11 PRT Artificial Sequence

<210> 841
 <211> 7
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 OB-cadherin cell adhesion recognition sequence

<400> 841
 Lys Ser Val Glu Ala Gln Asp
 1 5

<210> 842
 <211> 7
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 OB-cadherin cell adhesion recognition sequence

<400> 842
 Lys Val Glu Ala Gln Thr Asp
 1 5

<210> 843
 <211> 8
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 OB-cadherin cell adhesion recognition sequence

<400> 843
 Lys Ser Val Glu Ala Gln Thr Asp
 1 5

<210> 844
 <211> 7
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 OB-cadherin cell adhesion recognition sequence

<400> 844
 Lys Glu Ala Gln Thr Gly Asp
 1 5

<210> 845
 <211> 8
 <212> PRT
 <213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
OB-cadherin cell adhesion recognition sequence

<400> 845

Lys Val Glu Ala Gln Thr Gly Asp
1 5

<210> 846

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
OB-cadherin cell adhesion recognition sequence

<400> 846

Lys Ser Val Glu Ala Gln Thr Gly Asp
1 5

<210> 847

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
OB-cadherin cell adhesion recognition sequence

<400> 847

Lys Phe Ser Val Glu Ala Gln Asp
1 5

<210> 848

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
OB-cadherin cell adhesion recognition sequence

<400> 848

Lys Phe Ser Val Glu Ala Gln Thr Asp
1 5

<210> 849

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
OB-cadherin cell adhesion recognition sequence

<400> 849

Lys Phe Ser Val Glu Ala Gln Thr Gly Asp
1 5 10

<210> 850
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
OB-cadherin cell adhesion recognition sequence

<400> 850

Lys Tyr Phe Ser Val Glu Ala Gln Asp
1 5

<210> 851
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
OB-cadherin cell adhesion recognition sequence

<400> 851

Lys Tyr Phe Ser Val Glu Ala Gln Thr Asp
1 5 10

<210> 852
<211> 11
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
OB-cadherin cell adhesion recognition sequence

<400> 852

Lys Tyr Phe Ser Val Glu Ala Gln Thr Gly Asp
1 5 10

<210> 853
<211> 5
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
OB-cadherin cell adhesion recognition sequence

<400> 853

Glu Glu Ala Gln Lys
1 5

<210> 854
<211> 6

<213> Artificial Sequence

<223> Representative cyclic modulating agent based on OB-cadherin cell adhesion recognition sequence

Glu Val Glu Ala Gln Lys
1 5

$\langle 211 \rangle$ 6

<213> Artificial Sequence

<223> Representative cyclic modulating agent based on OB-cadherin cell adhesion recognition sequence

Glu Glu Ala Gln Thr Lys
1 5

$\langle 211 \rangle$ 7

<213> Artificial Sequence

<223> Representative cyclic modulating agent based on OB-cadherin cell adhesion recognition sequence

Glu Ser Val Glu Ala Gln Lys
1 5

<211> 7

<213> Artificial Sequence

<223> Representative cyclic modulating agent based on OB-cadherin cell adhesion recognition sequence

Glu Val Glu Ala Gln Thr Lys
1 5

<211> 8

<213> Artificial Sequence

<220>

<400> 858
Glu Ser Val Glu Ala Gln Thr Lys
1 5

<220>
<223> Representative cyclic modulating agent based on
OB-cadherin cell adhesion recognition sequence

```
<210> 860
<211> 8
<212> PRT
<213> Artificial Sequence
```

<220>
<223> Representative cyclic modulating agent based on
OB-cadherin cell adhesion recognition sequence

```
<210> 861
<211> 9
<212> PRT
<213> Artificial Sequence
```

<220>
<223> Representative cyclic modulating agent based on
OB-cadherin cell adhesion recognition sequence

```
<210> 862
<211> 8
<212> PRT
<213> Artificial Sequence
```

<220>
<223> Representative cyclic modulating agent based on
OB-cadherin cell adhesion recognition sequence

<400> 862
Glu Phe Ser Val Glu Ala Gln Lys

5

<220>
<223> Representative cyclic modulating agent based on
OB-cadherin cell adhesion recognition sequence

<400> 863

<220>
<223> Representative cyclic modulating agent based on
OB-cadherin cell adhesion recognition sequence

<400> 864

<220>
<223> Representative cyclic modulating agent based on
OB-cadherin cell adhesion recognition sequence

<400> 865

<220>
<223> Representative cyclic modulating agent based on
OB-cadherin cell adhesion recognition sequence

<400> 866

| | |
|-------|-----|
| <210> | 867 |
| <211> | 11 |
| <212> | PRT |

THE UNIVERSITY OF CHICAGO

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
OB-cadherin cell adhesion recognition sequence

<400> 867

| | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Glu | Tyr | Phe | Ser | Val | Glu | Ala | Gln | Thr | Gly | Lys |
| 1 | | | | 5 | | | | | 10 | |

<210> 868

<211> 5

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
OB-cadherin cell adhesion recognition sequence

<400> 868

| | | | | |
|-----|-----|-----|-----|-----|
| Asp | Glu | Ala | Gln | Lys |
| 1 | | | 5 | |

<210> 869

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
OB-cadherin cell adhesion recognition sequence

<400> 869

| | | | | | |
|-----|-----|-----|-----|-----|-----|
| Asp | Val | Glu | Ala | Gln | Lys |
| 1 | | | | 5 | |

<210> 870

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
OB-cadherin cell adhesion recognition sequence

<400> 870

| | | | | | |
|-----|-----|-----|-----|-----|-----|
| Asp | Glu | Ala | Gln | Thr | Lys |
| 1 | | | | 5 | |

<210> 871

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
OB-cadherin cell adhesion recognition sequence

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100

<400> 871

<210> 872

 $\langle 211 \rangle$ 7

<212> PRT

<213> Artificial Sequence

$\langle 220 \rangle$

<223> Representative cyclic modulating agent based on

<400> 872

<210> 873

<211> 8

<212> PRT

<213> Artificial Sequence

$\langle 220 \rangle$

<223> Representative cyclic modulating agent based on

<400> 873

<210> 874

<211> 7

<212> PRT

<213> Artificial Sequence

$\langle 220 \rangle$

<223> Representative cyclic modulating agent based on

<400> 874

<210> 875

$\langle 211 \rangle$ 8

<212> PRT

<213> Artificial Sequence

$\langle 220 \rangle$

<223> Representative cyclic modulating agent based on

<400> 875

al Glu A

<213> Artificial Sequence

<223> Representative cyclic modulating agent based on OB-cadherin cell adhesion recognition sequence

Asp Ser Val Glu Ala Gln Thr Gly Lys
1 5

<213> Artificial Sequence

<223> Representative cyclic modulating agent based on OB-cadherin cell adhesion recognition sequence

Asp Phe Ser Val Glu Ala Gln Lys
1 5

<213> Artificial Sequence

<223> Representative cyclic modulating agent based on OB-cadherin cell adhesion recognition sequence

Asp Phe Ser Val Glu Ala Gln Thr Lys
1 5

<213> Artificial Sequence

<223> Representative cyclic modulating agent based on OB-cadherin cell adhesion recognition sequence

Asp Phe Ser Val Glu Ala Gln Thr Gly Lys
1 5 10

<213> Artificial Sequence

<223> Representative cyclic modulating agent based on OB-cadherin cell adhesion recognition sequence

Asp Tyr Phe Ser Val Glu Ala Gln Lys
1 5

<213> Artificial Sequence

<223> Representative cyclic modulating agent based on OB-cadherin cell adhesion recognition sequence

Asp Tyr Phe Ser Val Glu Ala Gln Thr Lys
1 5 10

<213> Artificial Sequence

<223> Representative cyclic modulating agent based on
OB-cadherin cell adhesion recognition sequence

Asp Tyr Phe Ser Val Glu Ala Gln Thr Gly Lys
1 5 10

<213> Artificial Sequence

<223> Representative cyclic modulating agent based on
OB-cadherin cell adhesion recognition sequence

Lys Glu Ala Gln Glu
1 5

<213> Artificial Sequence

<223> Representative cyclic modulating agent based on
OB-cadherin cell adhesion recognition sequence

<400> 884

<400> 885

<223> Representative cyclic modulating agent based on
OB-cadherin cell adhesion recognition sequence

<400> 886

<223> Representative cyclic modulating agent based on OB-cadherin cell adhesion recognition sequence

<400> 887

<223> Representative cyclic modulating agent based on OB-cadherin cell adhesion recognition sequence

<400> 888

$$\begin{array}{ll} \langle 210 \rangle & 889 \\ \langle 211 \rangle & 7 \end{array}$$

<213> Artificial Sequence

<223> Representative cyclic modulating agent based on OB-cadherin cell adhesion recognition sequence

Lys Glu Ala Gln Thr Gly Glu
1 5

<211> 8

<213> Artificial Sequence

<223> Representative cyclic modulating agent based on OB-cadherin cell adhesion recognition sequence

Lys Val Glu Ala Gln Thr Gly Glu
1 5

<211> 9

<213> Artificial Sequence

<223> Representative cyclic modulating agent based on OB-cadherin cell adhesion recognition sequence

Lys Ser Val Glu Ala Gln Thr Gly Glu
1 5

$\langle 211 \rangle$ 8

<213> Artificial Sequence

<223> Representative cyclic modulating agent based on
OB-cadherin cell adhesion recognition sequence

Lys Phe Ser Val Glu Ala Gln Glu
1 5

<211> 9

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
OB-cadherin cell adhesion recognition sequence

<400> 893

Lys Phe Ser Val Glu Ala Gln Thr Glu
1 5

<210> 894

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
OB-cadherin cell adhesion recognition sequence

<400> 894

Lys Phe Ser Val Glu Ala Gln Thr Gly Glu
1 5 10

<210> 895

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
OB-cadherin cell adhesion recognition sequence

<400> 895

Lys Tyr Phe Ser Val Glu Ala Gln Glu
1 5

<210> 896

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
OB-cadherin cell adhesion recognition sequence

<400> 896

Lys Tyr Phe Ser Val Glu Ala Gln Thr Glu
1 5 10

<210> 897

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
OB-cadherin cell adhesion recognition sequence

<400> 897

Lys Tyr Phe Ser Val Glu Ala Gln Thr Gly Glu

Patent 5,329,004

```

1                               5                               10

    <210> 898
    <211> 5
    <212> PRT
    <213> Artificial Sequence

    <220>
    <223> Representative cyclic modulating agent based on
           OB-cadherin cell adhesion recognition sequence

    <400> 898
Ser Val Glu Ala Gln
1                               5

    <210> 899
    <211> 5
    <212> PRT
    <213> Artificial Sequence

    <220>
    <223> Representative cyclic modulating agent based on
           OB-cadherin cell adhesion recognition sequence

    <400> 899
Val Glu Ala Gln Thr
1                               5

    <210> 900
    <211> 6
    <212> PRT
    <213> Artificial Sequence

    <220>
    <223> Representative cyclic modulating agent based on
           OB-cadherin cell adhesion recognition sequence

    <400> 900
Ser Val Glu Ala Gln Thr
1                               5

    <210> 901
    <211> 5
    <212> PRT
    <213> Artificial Sequence

    <220>
    <223> Representative cyclic modulating agent based on
           OB-cadherin cell adhesion recognition sequence

    <400> 901
Glu Ala Gln Thr Gly
1                               5

    <210> 902
    <211> 6
    <212> PRT

```

<220>

<400> 902

<210> 903

 $\langle 211 \rangle$ 7

<212> PRT

<213> Artificial Sequence

<220>

<400> 903

<210> 904

<211> 6

<212> PRT

<213> Artificial Sequence

 $\langle 220 \rangle$

<400> 904

<210> 905

$\langle 211 \rangle$ 7

<212> PRT

<213> Artificial Sequence

 $\langle 220 \rangle$

<400> 905

<210> 906

$\langle 211 \rangle$ 8

<212> PRT

<213> Artificial Sequence

$\langle 220 \rangle$

<223> Representative cyclic modulating agent based on OB-cadherin cell adhesion recognition sequence

<400> 906
Phe Ser Val Glu Ala Gln Thr Gly
1 5

<210> 907
<211> 7
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
OB-cadherin cell adhesion recognition sequence

<400> 907
Tyr Phe Ser Val Glu Ala Gln
1 5

<210> 908
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
OB-cadherin cell adhesion recognition sequence

<400> 908
Tyr Phe Ser Val Glu Ala Gln Thr
1 5

<210> 909
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
OB-cadherin cell adhesion recognition sequence

<400> 909
Tyr Phe Ser Val Glu Ala Gln Thr Gly
1 5

<210> 910
<211> 5
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
cadherin-5 cell adhesion recognition sequence

<400> 910
Cys Asp Ala Glu Cys
1 5

6383004

<210> 911
 <211> 6
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 cadherin-5 cell adhesion recognition sequence

<400> 911
 Cys Val Asp Ala Glu Cys
 1 5

<210> 912
 <211> 6
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 cadherin-5 cell adhesion recognition sequence

<400> 912
 Cys Asp Ala Glu Thr Cys
 1 5

<210> 913
 <211> 7
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 cadherin-5 cell adhesion recognition sequence

<400> 913
 Cys Arg Val Asp Ala Glu Cys
 1 5

<210> 914
 <211> 7
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 cadherin-5 cell adhesion recognition sequence

<400> 914
 Cys Val Asp Ala Glu Thr Cys
 1 5

<210> 915
 <211> 8
 <212> PRT
 <213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-5 cell adhesion recognition sequence

<400> 915

Cys Arg Val Asp Ala Glu Thr Cys
1 5

<210> 916

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-5 cell adhesion recognition sequence

<400> 916

Cys Asp Ala Glu Thr Gly Cys
1 5

<210> 917

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-5 cell adhesion recognition sequence

<400> 917

Cys Cys Asp Ala Glu Thr Gly Cys
1 5

<210> 918

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-5 cell adhesion recognition sequence

<400> 918

Cys Arg Val Asp Ala Glu Thr Gly Cys
1 5

<210> 919

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-5 cell adhesion recognition sequence

<400> 919

639004

```
<210> 920
<211> 9
<212> PRT
<213> Artificial Sequence
```

<220>
<223> Representative cyclic modulating agent based on
cadherin-5 cell adhesion recognition sequence

<400> 920

```
<210> 921
<211> 10
<212> PRT
<213> Artificial Sequence
```

<220>
<223> Representative cyclic modulating agent based on
cadherin-5 cell adhesion recognition sequence

<400> 921

```
<210> 922
<211> 9
<212> PRT
<213> Artificial Sequence
```

<220>
<223> Representative cyclic modulating agent based on
cadherin-5 cell adhesion recognition sequence

<400> 922

```
<210> 923
<211> 10
<212> PRT
<213> Artificial Sequence
```

<220>
<223> Representative cyclic modulating agent based on
cadherin-5 cell adhesion recognition sequence

<400> 923

<210> 924
<211> 11

<213> Artificial Sequence

<223> Representative cyclic modulating agent based on
cadherin-5 cell adhesion recognition sequence

Cys Val Phe Arg Val Asp Ala Glu Thr Gly Cys
1 5 10

$\langle 211 \rangle$ 5

<213> Artificial Sequence

<223> Representative cyclic modulating agent based on cadherin-5 cell adhesion recognition sequence

Asp Asp Ala Glu Lys
1 5

<211> 6

<213> Artificial Sequence

<223> Representative cyclic modulating agent based on
cadherin-5 cell adhesion recognition sequence

Asp Val Asp Ala Glu Lys
1 5

<211> 7

<213> Artificial Sequence

<223> Representative cyclic modulating agent based on
cadherin-5 cell adhesion recognition sequence

Asp Arg Val Asp Ala Glu Lys
1 5

<211> 8

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-5 cell adhesion recognition sequence

<400> 928

Asp Phe Arg Val Asp Ala Glu Lys
1 5

<210> 929

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-5 cell adhesion recognition sequence

<400> 929

Asp Val Phe Arg Val Asp Ala Glu Lys
1 5

<210> 930

<211> 5

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-5 cell adhesion recognition sequence

<400> 930

Glu Asp Ala Glu Lys
1 5

<210> 931

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-5 cell adhesion recognition sequence

<400> 931

Glu Val Asp Ala Glu Lys
1 5

<210> 932

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-5 cell adhesion recognition sequence

<400> 932

Glu Arg Val Asp Ala Glu Lys

1 5

<210> 933
 <211> 8
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 cadherin-5 cell adhesion recognition sequence

<400> 933
 Glu Phe Arg Val Asp Ala Glu Lys
 1 5

<210> 934
 <211> 9
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 cadherin-5 cell adhesion recognition sequence

<400> 934
 Glu Val Phe Arg Val Asp Ala Glu Lys
 1 5

<210> 935
 <211> 5
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 cadherin-5 cell adhesion recognition sequence

<400> 935
 Lys Asp Ala Glu Asp
 1 5

<210> 936
 <211> 6
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 cadherin-5 cell adhesion recognition sequence

<400> 936
 Lys Val Asp Ala Glu Asp
 1 5

<210> 937
 <211> 6
 <212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-5 cell adhesion recognition sequence

<400> 937

Lys Asp Ala Glu Thr Asp
1 5

<210> 938

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-5 cell adhesion recognition sequence

<400> 938

Lys Arg Val Asp Ala Glu Asp
1 5

<210> 939

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-5 cell adhesion recognition sequence

<400> 939

Lys Val Asp Ala Glu Thr Asp
1 5

<210> 940

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-5 cell adhesion recognition sequence

<400> 940

Lys Arg Val Asp Ala Glu Thr Asp
1 5

<210> 941

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-5 cell adhesion recognition sequence

<400> 941
Lys Asp Ala Glu Thr Gly Asp
1 5

<210> 942
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
cadherin-5 cell adhesion recognition sequence

<400> 942
Lys Val Asp Ala Glu Thr Gly Asp
1 5

<210> 943
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
cadherin-5 cell adhesion recognition sequence

<400> 943
Lys Arg Val Asp Ala Glu Thr Gly Asp
1 5

<210> 944
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
cadherin-5 cell adhesion recognition sequence

<400> 944
Lys Phe Arg Val Asp Ala Glu Asp
1 5

<210> 945
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
cadherin-5 cell adhesion recognition sequence

<400> 945
Lys Phe Arg Val Asp Ala Glu Thr Asp
1 5

Patent # 6,339,004

<220>
<223> Representative cyclic modulating agent based on
cadherin-5 cell adhesion recognition sequence

<400> 946

<220>
<223> Representative cyclic modulating agent based on
cadherin-5 cell adhesion recognition sequence

<400> 947

<220>
<223> Representative cyclic modulating agent based on
cadherin-5 cell adhesion recognition sequence

<400> 948

<220>
<223> Representative cyclic modulating agent based on
cadherin-5 cell adhesion recognition sequence

<400> 949

```
<210> 950
<211> 5
<212> PRT
<213> Artificial Sequence
```

<400> 954

```
<210> 955
<211> 5
<212> PRT
<213> Artificial Sequence
```

<220>
<223> Representative cyclic modulating agent based on
cadherin-5 cell adhesion recognition sequence

Lys Asp Ala Glu Glu
1 5

```
<210> 956
<211> 5
<212> PRT
<213> Artificial Sequence
```

<220>
<223> Representative cyclic modulating agent based on
cadherin-5 cell adhesion recognition sequence

Lys Val Asp Ala Glu
1 5

```
<210> 957
<211> 6
<212> PRT
<213> Artificial Sequence
```

<220>
<223> Representative cyclic modulating agent based on
cadherin-5 cell adhesion recognition sequence

Lys Asp Ala Glu Thr Glu
1 5

```
<210> 958
<211> 6
<212> PRT
<213> Artificial Sequence
```

<220>
<223> Representative cyclic modulating agent based on
cadherin-5 cell adhesion recognition sequence

Lys Arg Val Asp Ala Glu
1 5

<210> 959
<211> 7

<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
cadherin-5 cell adhesion recognition sequence

<400> 959
Lys Val Asp Ala Glu Thr Glu
1 5

<210> 960
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
cadherin-5 cell adhesion recognition sequence

<400> 960
Lys Arg Val Asp Ala Glu Thr Glu
1 5

<210> 961
<211> 7
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
cadherin-5 cell adhesion recognition sequence

<400> 961
Lys Asp Ala Glu Thr Gly Glu
1 5

<210> 962
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
cadherin-5 cell adhesion recognition sequence

<400> 962
Lys Val Asp Ala Glu Thr Gly Glu
1 5

<210> 963
<211> 9
<212> PRT
<213> Artificial Sequence

<220>

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100

<400> 963
Lys Arg Val Asp Ala Glu Thr Gly Glu
1 5

<211> 7

<212> PRT

<213> Artificial Sequence

 $\langle 220 \rangle$

<400> 964
 Lys Phe Arg Val Asp Ala Glu
 1 5

<211> 9

<212> PRT

<213> Artificial Sequence

 $\langle 220 \rangle$

<223> Representative cyclic modulating agent based on cadherin-5 cell adhesion recognition sequence

Lys Phe Arg Val Asp Ala Glu Thr Glu
1 5

<210> 966

$\langle 211 \rangle$ 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on cadherin-5 cell adhesion recognition sequence

<400> 966

Lys Phe Arg Val Asp Ala Glu Thr Gly Glu
1 5 10

<210> 967

$\langle 211 \rangle$ 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on cadherin-5 cell adhesion recognition sequence

<400> 967

Lys Val Phe Arg Val Asp Ala Glu

1 5

<210> 968
 <211> 10
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 cadherin-5 cell adhesion recognition sequence

<400> 968
 Lys Val Phe Arg Val Asp Ala Glu Thr Glu
 1 5 10

<210> 969
 <211> 11
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 cadherin-5 cell adhesion recognition sequence

<400> 969
 Lys Val Phe Arg Val Asp Ala Glu Thr Gly Glu
 1 5 10

<210> 970
 <211> 5
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 cadherin-5 cell adhesion recognition sequence

<400> 970
 Val Asp Ala Glu Thr
 1 5

<210> 971
 <211> 6
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 cadherin-5 cell adhesion recognition sequence

<400> 971
 Val Asp Ala Glu Thr Gly
 1 5

<210> 972
 <211> 5
 <212> PRT

400 968 969 970 971 972

$\langle 220 \rangle$

<400> 972

<210> 973

$\langle 211 \rangle$ 5

<212> PRT

 $\langle 220 \rangle$

<400> 973

<210> 974

<211> 6

<212> PRT

 $\langle 220 \rangle$

<400> 974

<210> 975

$\langle 211 \rangle$ 7

<212> PRT

 $\langle 220 \rangle$

<400> 975

<210> 976

<211> 6

<212> PRT

<220>

<223> Representative cyclic modulating agent based on
cadherin-5 cell adhesion recognition sequence

<400> 976

<210> 977

 $\langle 220 \rangle$

<400> 977

<210> 978

<220>

<400> 978

<210> 979

 $\langle 220 \rangle$

<400> 979

<210> 980

 $\langle 220 \rangle$

<400> 980

<210> 981
 <211> 9
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 cadherin-5 cell adhesion recognition sequence

<400> 981
 Val Phe Arg Val Asp Ala Glu Thr Gly
 1 5

<210> 982
 <211> 6
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 cadherin-6 cell adhesion recognition sequence

<400> 982
 Asp Asn Glu Asn Thr Lys
 1 5

<210> 983
 <211> 5
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 cadherin-6 cell adhesion recognition sequence

<400> 983
 Cys Asn Glu Asn Cys
 1 5

<210> 984
 <211> 6
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 cadherin-6 cell adhesion recognition sequence

<400> 984
 Cys Ile Asn Glu Asn Cys
 1 5

<210> 985
 <211> 6
 <212> PRT
 <213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-6 cell adhesion recognition sequence

<400> 985

Cys Asn Glu Asn Thr Cys
1 5

<210> 986

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-6 cell adhesion recognition sequence

<400> 986

Cys Ile Ile Asn Glu Asn Cys
1 5

<210> 987

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-6 cell adhesion recognition sequence

<400> 987

Cys Ile Asn Glu Asn Thr Cys
1 5

<210> 988

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-6 cell adhesion recognition sequence

<400> 988

Cys Ile Ile Asn Glu Asn Thr Cys
1 5

<210> 989

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-6 cell adhesion recognition sequence

<400> 989

Cys Asn Glu Asn Thr Gly Cys
1 5

<210> 990
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
cadherin-6 cell adhesion recognition sequence

<400> 990

Cys Ile Asn Glu Asn Thr Gly Cys
1 5

<210> 991
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
cadherin-6 cell adhesion recognition sequence

<400> 991

Cys Ile Ile Asn Glu Asn Thr Gly Cys
1 5

<210> 992
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
cadherin-6 cell adhesion recognition sequence

<400> 992

Cys Phe Ile Ile Asn Glu Asn Cys
1 5

<210> 993
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
cadherin-6 cell adhesion recognition sequence

<400> 993

Cys Phe Ile Ile Asn Glu Asn Thr Cys
1 5

<210> 994
<211> 10

<212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 cadherin-6 cell adhesion recognition sequence

<400> 994
 Cys Phe Ile Ile Asn Glu Asn Thr Gly Cys
 1 5 10

<210> 995
 <211> 9
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 cadherin-6 cell adhesion recognition sequence

<400> 995
 Cys Leu Phe Ile Ile Asn Glu Asn Cys
 1 5

<210> 996
 <211> 10
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 cadherin-6 cell adhesion recognition sequence

<400> 996
 Cys Leu Phe Ile Ile Asn Glu Asn Thr Cys
 1 5 10

<210> 997
 <211> 11
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 cadherin-6 cell adhesion recognition sequence

<400> 997
 Cys Leu Phe Ile Ile Asn Glu Asn Thr Gly Cys
 1 5 10

<210> 998
 <211> 5
 <212> PRT
 <213> Artificial Sequence

<220>

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-6 cell adhesion recognition sequence

<400> 1007

Glu Leu Phe Ile Ile Asn Glu Asn Lys
1 5

<210> 1008

<211> 5

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-6 cell adhesion recognition sequence

<400> 1008

Lys Asn Glu Asn Asp
1 5

<210> 1009

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-6 cell adhesion recognition sequence

<400> 1009

Lys Ile Asn Glu Asn Asp
1 5

<210> 1010

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-6 cell adhesion recognition sequence

<400> 1010

Lys Asn Glu Asn Thr Asp
1 5

<210> 1011

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-6 cell adhesion recognition sequence

Patent 635007

<400> 1011
Lys Ile Ile Asn Glu Asn Asp
1 5

<210> 1012
<211> 7
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
cadherin-6 cell adhesion recognition sequence

<400> 1012
Lys Ile Asn Glu Asn Thr Asp
1 5

<210> 1013
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
cadherin-6 cell adhesion recognition sequence

<400> 1013
Lys Ile Ile Asn Glu Asn Thr Asp
1 5

<210> 1014
<211> 7
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
cadherin-6 cell adhesion recognition sequence

<400> 1014
Lys Asn Glu Asn Thr Gly Asp
1 5

<210> 1015
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
cadherin-6 cell adhesion recognition sequence

<400> 1015
Lys Ile Asn Glu Asn Thr Gly Asp
1 5

<210> 1016
 <211> 9
 <212> PRT
 <213> Artificial Sequence

 <220>
 <223> Representative cyclic modulating agent based on
 cadherin-6 cell adhesion recognition sequence

 <400> 1016
 Lys Ile Ile Asn Glu Asn Thr Gly Asp
 1 5

 <210> 1017
 <211> 8
 <212> PRT
 <213> Artificial Sequence

 <220>
 <223> Representative cyclic modulating agent based on
 cadherin-6 cell adhesion recognition sequence

 <400> 1017
 Lys Phe Ile Ile Asn Glu Asn Asp
 1 5

 <210> 1018
 <211> 9
 <212> PRT
 <213> Artificial Sequence

 <220>
 <223> Representative cyclic modulating agent based on
 cadherin-6 cell adhesion recognition sequence

 <400> 1018
 Lys Phe Ile Ile Asn Glu Asn Thr Asp
 1 5

 <210> 1019
 <211> 10
 <212> PRT
 <213> Artificial Sequence

 <220>
 <223> Representative cyclic modulating agent based on
 cadherin-6 cell adhesion recognition sequence

 <400> 1019
 Lys Phe Ile Ile Asn Glu Asn Thr Gly Asp
 1 5 10

 <210> 1020
 <211> 9
 <212> PRT
 <213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-6 cell adhesion recognition sequence

<400> 1020

Lys Leu Phe Ile Ile Asn Glu Asn Asp
1 5

<210> 1021

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-6 cell adhesion recognition sequence

<400> 1021

Lys Leu Phe Ile Ile Asn Glu Asn Thr Asp
1 5 10

<210> 1022

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-6 cell adhesion recognition sequence

<400> 1022

Lys Leu Phe Ile Ile Asn Glu Asn Thr Gly Asp
1 5 10

<210> 1023

<211> 5

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-6 cell adhesion recognition sequence

<400> 1023

Val Asn Glu Asn Thr
1 5

<210> 1024

<211> 5

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-6 cell adhesion recognition sequence

<400> 1024

<212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 cadherin-6 cell adhesion recognition sequence

<400> 1029
 Lys Ile Asn Glu Asn Glu
 1 5

<210> 1030
 <211> 6
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 cadherin-6 cell adhesion recognition sequence

<400> 1030
 Lys Asn Glu Asn Thr Glu
 1 5

<210> 1031
 <211> 7
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 cadherin-6 cell adhesion recognition sequence

<400> 1031
 Lys Ile Ile Asn Glu Asn Glu
 1 5

<210> 1032
 <211> 7
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 cadherin-6 cell adhesion recognition sequence

<400> 1032
 Lys Ile Asn Glu Asn Thr Glu
 1 5

<210> 1033
 <211> 8
 <212> PRT
 <213> Artificial Sequence

<220>

Patent No. 6,330,001

<223> Representative cyclic modulating agent based on
cadherin-6 cell adhesion recognition sequence

<400> 1033
Lys Ile Ile Asn Glu Asn Thr Glu
1 5

<210> 1034
<211> 7
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
cadherin-6 cell adhesion recognition sequence

<400> 1034
Lys Asn Glu Asn Thr Gly Glu
1 5

<210> 1035
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
cadherin-6 cell adhesion recognition sequence

<400> 1035
Lys Ile Asn Glu Asn Thr Gly Glu
1 5

<210> 1036
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
cadherin-6 cell adhesion recognition sequence

<400> 1036
Lys Ile Ile Asn Glu Asn Thr Gly Glu
1 5

<210> 1037
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
cadherin-6 cell adhesion recognition sequence

<400> 1037
Lys Phe Ile Ile Asn Glu Asn Glu

1033-1037

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on cadherin-6 cell adhesion recognition sequence

<400> 1042

Lys Leu Phe Ile Ile Asn Glu Asn Thr Gly Glu
1 5 10

<210> 1043

<211> 5

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on cadherin-6 cell adhesion recognition sequence

<400> 1043

Ile Ile Asn Glu Asn
1 5

<210> 1044

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on cadherin-6 cell adhesion recognition sequence

<400> 1044

Phe Ile Ile Asn Glu Asn
1 5

<210> 1045

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on cadherin-6 cell adhesion recognition sequence

<400> 1045

Phe Ile Ile Asn Glu Asn Thr
1 5

<210> 1046

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on cadherin-6 cell adhesion recognition sequence

<210> 1051
 <211> 6
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 cadherin-6 cell adhesion recognition sequence

<400> 1051
 Cys Glu Glu Tyr Thr Cys
 1 5

<210> 1052
 <211> 7
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 cadherin-6 cell adhesion recognition sequence

<400> 1052
 Cys Glu Glu Tyr Thr Gly Cys
 1 5

<210> 1053
 <211> 6
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 cadherin-6 cell adhesion recognition sequence

<400> 1053
 Cys Leu Glu Glu Tyr Cys
 1 5

<210> 1054
 <211> 7
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 cadherin-6 cell adhesion recognition sequence

<400> 1054
 Cys Leu Glu Glu Tyr Thr Cys
 1 5

<210> 1055
 <211> 8
 <212> PRT
 <213> Artificial Sequence

Patent # 6,933,000

<220>

<223> Representative cyclic modulating agent based on
cadherin-6 cell adhesion recognition sequence

<400> 1055

Cys Leu Glu Glu Tyr Thr Gly Cys
1 5

<210> 1056

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-6 cell adhesion recognition sequence

<400> 1056

Cys Leu Leu Glu Glu Tyr Cys
1 5

<210> 1057

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-6 cell adhesion recognition sequence

<400> 1057

Cys Leu Leu Glu Glu Tyr Thr Gly Cys
1 5

<210> 1058

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-6 cell adhesion recognition sequence

<400> 1058

Cys Phe Leu Leu Glu Tyr Cys
1 5

<210> 1059

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-6 cell adhesion recognition sequence

<400> 1059

432024 6325007

Cys Leu Leu Glu Glu Tyr Thr Cys
1 5

<210> 1060
<211> 10
<212> PRT
<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-6 cell adhesion recognition sequence

<400> 1060

Cys Phe Leu Leu Glu Glu Tyr Thr Gly Cys
1 5 10

<210> 1061
<211> 9
<212> PRT
<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-6 cell adhesion recognition sequence

<400> 1061

Cys Phe Phe Leu Leu Glu Glu Tyr Cys
1 5

<210> 1062
<211> 10
<212> PRT
<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-6 cell adhesion recognition sequence

<400> 1062

Cys Phe Phe Leu Leu Glu Glu Tyr Thr Cys
1 5 10

<210> 1063
<211> 11
<212> PRT
<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-6 cell adhesion recognition sequence

<400> 1063

Cys Phe Phe Leu Leu Glu Glu Tyr Thr Gly Cys
1 5 10

<210> 1064
<211> 5

Pubmed 6339007

<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
cadherin-6 cell adhesion recognition sequence

<400> 1064
Cys Glu Ser Glu Cys
1 5

<210> 1065
<211> 6
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
cadherin-6 cell adhesion recognition sequence

<400> 1065
Cys Glu Ser Glu Thr Cys
1 5

<210> 1066
<211> 7
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
cadherin-6 cell adhesion recognition sequence

<400> 1066
Cys Glu Ser Glu Thr Gly Cys
1 5

<210> 1067
<211> 6
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
cadherin-6 cell adhesion recognition sequence

<400> 1067
Cys Val Glu Ser Glu Cys
1 5

<210> 1068
<211> 7
<212> PRT
<213> Artificial Sequence

<220>

1064-1068

<400> 1072
Cys Ser Val Glu Ser Glu Thr Gly Cys

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on cadherin-6 cell adhesion recognition sequence

<400> 1077

| | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Cys | Tyr | Phe | Ser | Val | Glu | Ser | Glu | Thr | Cys |
| 1 | | | | 5 | | | | | 10 |

<210> 1078

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on cadherin-6 cell adhesion recognition sequence

<400> 1078

| | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Cys | Tyr | Phe | Ser | Val | Glu | Ser | Glu | Thr | Gly | Cys |
| 1 | | | | 5 | | | | | | 10 |

<210> 1079

<211> 5

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on cadherin-6 cell adhesion recognition sequence

<400> 1079

| | | | | |
|-----|-----|-----|-----|-----|
| Cys | Asp | Ser | Gly | Cys |
| 1 | | | | 5 |

<210> 1080

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on cadherin-6 cell adhesion recognition sequence

<400> 1080

| | | | | | |
|-----|-----|-----|-----|-----|-----|
| Cys | Asp | Ser | Gly | Asn | Cys |
| 1 | | | | 5 | |

<210> 1081

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on cadherin-6 cell adhesion recognition sequence

Patent Application No. 2004/0000000

<400> 1081
Cys Asp Ser Gly Asn Gly Cys
1 5

<210> 1082
<211> 6
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
cadherin-6 cell adhesion recognition sequence

<400> 1082
Cys Ile Asp Ser Gly Cys
1 5

<210> 1083
<211> 7
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
cadherin-6 cell adhesion recognition sequence

<400> 1083
Cys Ile Asp Ser Gly Asn Cys
1 5

<210> 1084
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
cadherin-6 cell adhesion recognition sequence

<400> 1084
Cys Ile Asp Ser Gly Asn Gly Cys
1 5

<210> 1085
<211> 7
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
cadherin-6 cell adhesion recognition sequence

<400> 1085
Cys Asn Ile Asp Ser Gly Cys
1 5

Top Secret

<210> 1086
 <211> 8
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 cadherin-6 cell adhesion recognition sequence

<400> 1086
 Cys Asn Ile Asp Ser Gly Asn Cys
 1 5

<210> 1087
 <211> 9
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 cadherin-6 cell adhesion recognition sequence

<400> 1087
 Cys Asn Ile Asp Ser Gly Asn Gly Cys
 1 5

<210> 1088
 <211> 8
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 cadherin-6 cell adhesion recognition sequence

<400> 1088
 Cys Phe Asn Ile Asp Ser Gly Cys
 1 5

<210> 1089
 <211> 9
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 cadherin-6 cell adhesion recognition sequence

<400> 1089
 Cys Phe Asn Ile Asp Ser Gly Asn Cys
 1 5

<210> 1090
 <211> 10
 <212> PRT
 <213> Artificial Sequence

1086
 1087
 1088
 1089
 1090

<223> Representative cyclic modulating agent based on
cadherin-6 cell adhesion recognition sequence

Cys Phe Asn Ile Asp Ser Gly Asn Gly Cys
1 5 10

<211> 9

<212> PRT

<213> Artificial Sequence

<223> Representative cyclic modulating agent based on cadherin-6 cell adhesion recognition sequence

Cys Ile Phe Asn Ile Asp Ser Gly Cys
1 5

<211> 10

<212> PRT

<213> Artificial Sequence

<223> Representative cyclic modulating agent based on cadherin-6 cell adhesion recognition sequence

Cys Ile Phe Asn Ile Asp Ser Gly Asn Cys
1 5 10

$\langle 211 \rangle$ 11

<212> PRT

<213> Artificial Sequence

<223> Representative cyclic modulating agent based on
cadherin-6 cell adhesion recognition sequence

Cys Ile Phe Asn Ile Asp Ser Gly Asn Gly Cys
1 5 10

 $\langle 211 \rangle$ 5

<212> PRT

<213> Artificial Sequence

<223> Representative cyclic modulating agent based on
cadherin-6 cell adhesion recognition sequence

<400> 1094

Lys Glu Glu Tyr Asp
1 5

<210> 1095
<211> 6
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
cadherin-6 cell adhesion recognition sequence

<400> 1095

Lys Leu Glu Glu Tyr Asp
1 5

<210> 1096
<211> 6
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
cadherin-6 cell adhesion recognition sequence

<400> 1096

Lys Glu Glu Tyr Thr Asp
1 5

<210> 1097
<211> 7
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
cadherin-6 cell adhesion recognition sequence

<400> 1097

Lys Glu Glu Tyr Thr Gly Asp
1 5

<210> 1098
<211> 7
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
cadherin-6 cell adhesion recognition sequence

<400> 1098

Lys Leu Glu Glu Tyr Thr Asp
1 5

<210> 1099
<211> 8

1095-1099

<212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 cadherin-6 cell adhesion recognition sequence

<400> 1099
 Lys Leu Glu Glu Tyr Thr Gly Asp
 1 5

<210> 1100
 <211> 7
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 cadherin-6 cell adhesion recognition sequence

<400> 1100
 Lys Leu Leu Glu Glu Tyr Asp
 1 5

<210> 1101
 <211> 9
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 cadherin-6 cell adhesion recognition sequence

<400> 1101
 Lys Leu Leu Glu Glu Tyr Thr Gly Asp
 1 5

<210> 1102
 <211> 8
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 cadherin-6 cell adhesion recognition sequence

<400> 1102
 Lys Phe Leu Leu Glu Glu Tyr Asp
 1 5

<210> 1103
 <211> 8
 <212> PRT
 <213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-6 cell adhesion recognition sequence

<400> 1103

Lys Leu Leu Glu Glu Tyr Thr Asp
1 5

<210> 1104

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-6 cell adhesion recognition sequence

<400> 1104

Lys Phe Leu Leu Glu Glu Tyr Thr Gly Asp
1 5 10

<210> 1105

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-6 cell adhesion recognition sequence

<400> 1105

Lys Phe Phe Leu Leu Glu Glu Tyr Asp
1 5

<210> 1106

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-6 cell adhesion recognition sequence

<400> 1106

Lys Phe Phe Leu Leu Glu Glu Tyr Thr Asp
1 5 10

<210> 1107

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-6 cell adhesion recognition sequence

<400> 1107

Lys Phe Phe Leu Leu Glu Glu Tyr Thr Gly Asp

1103 1104 1105 1106 1107

| | | |
|-----------------------------|---|----|
| 1 | 5 | 10 |
| | <210> 1108 | |
| | <211> 5 | |
| | <212> PRT | |
| | <213> Artificial Sequence | |
| | <220> | |
| | <223> Representative cyclic modulating agent based on | |
| | cadherin-6 cell adhesion recognition sequence | |
| | <400> 1108 | |
| Lys Glu Ser Glu Asp | | |
| 1 5 | | |
| | <210> 1109 | |
| | <211> 6 | |
| | <212> PRT | |
| | <213> Artificial Sequence | |
| | <220> | |
| | <223> Representative cyclic modulating agent based on | |
| | cadherin-6 cell adhesion recognition sequence | |
| | <400> 1109 | |
| Lys Glu Ser Glu Thr Asp | | |
| 1 5 | | |
| | <210> 1110 | |
| | <211> 7 | |
| | <212> PRT | |
| | <213> Artificial Sequence | |
| | <220> | |
| | <223> Representative cyclic modulating agent based on | |
| | cadherin-6 cell adhesion recognition sequence | |
| | <400> 1110 | |
| Lys Glu Ser Glu Thr Gly Asp | | |
| 1 5 | | |
| | <210> 1111 | |
| | <211> 6 | |
| | <212> PRT | |
| | <213> Artificial Sequence | |
| | <220> | |
| | <223> Representative cyclic modulating agent based on | |
| | cadherin-6 cell adhesion recognition sequence | |
| | <400> 1111 | |
| Lys Val Glu Ser Glu Asp | | |
| 1 5 | | |
| | <210> 1112 | |
| | <211> 7 | |
| | <212> PRT | |

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-6 cell adhesion recognition sequence

<400> 1112

Lys Val Ser Glu Ser Thr Asp
1 5

<210> 1113

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-6 cell adhesion recognition sequence

<400> 1113

Lys Val Glu Ser Glu Thr Gly Asp
1 5

<210> 1114

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-6 cell adhesion recognition sequence

<400> 1114

Lys Ser Val Glu Ser Glu Asp
1 5

<210> 1115

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-6 cell adhesion recognition sequence

<400> 1115

Lys Ser Val Glu Ser Glu Thr Asp
1 5

<210> 1116

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-6 cell adhesion recognition sequence

<400> 1116
 Lys Ser Val Glu Ser Glu Thr Gly Asp
 1 5

<210> 1117
 <211> 8
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 cadherin-6 cell adhesion recognition sequence

<400> 1117
 Lys Phe Ser Val Glu Ser Glu Asp
 1 5

<210> 1118
 <211> 9
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 cadherin-6 cell adhesion recognition sequence

<400> 1118
 Lys Phe Ser Val Glu Ser Glu Thr Asp
 1 5

<210> 1119
 <211> 10
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 cadherin-6 cell adhesion recognition sequence

<400> 1119
 Lys Phe Ser Val Glu Ser Glu Thr Gly Asp
 1 5 10

<210> 1120
 <211> 9
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 cadherin-6 cell adhesion recognition sequence

<400> 1120
 Lys Tyr Phe Ser Val Glu Ser Glu Asp
 1 5

1116 1117 1118 1119 1120

<210> 1121
 <211> 10
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 cadherin-6 cell adhesion recognition sequence

<400> 1121
 Lys Tyr Phe Ser Val Glu Ser Glu Thr Asp
 1 5 10

<210> 1122
 <211> 11
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 cadherin-6 cell adhesion recognition sequence

<400> 1122
 Lys Tyr Phe Ser Val Glu Ser Glu Thr Gly Asp
 1 5 10

<210> 1123
 <211> 5
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 cadherin-6 cell adhesion recognition sequence

<400> 1123
 Lys Asp Ser Gly Asp
 1 5

<210> 1124
 <211> 6
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 cadherin-6 cell adhesion recognition sequence

<400> 1124
 Lys Asp Ser Gly Asn Asp
 1 5

<210> 1125
 <211> 7
 <212> PRT
 <213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-6 cell adhesion recognition sequence

<400> 1125

Lys Asp Ser Gly Asn Gly Asp
1 5

<210> 1126

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-6 cell adhesion recognition sequence

<400> 1126

Lys Ile Asp Ser Gly Asp
1 5

<210> 1127

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-6 cell adhesion recognition sequence

<400> 1127

Lys Ile Asp Ser Gly Asn Asp
1 5

<210> 1128

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-6 cell adhesion recognition sequence

<400> 1128

Lys Ile Asp Ser Gly Asn Gly Asp
1 5

<210> 1129

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-6 cell adhesion recognition sequence

<400> 1129

Lys Asn Ile Asp Ser Gly Asp
1 5

<210> 1130
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
cadherin-6 cell adhesion recognition sequence

<400> 1130

Lys Asn Ile Asp Ser Gly Asn Asp
1 5

<210> 1131
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
cadherin-6 cell adhesion recognition sequence

<400> 1131

Lys Asn Ile Asp Ser Gly Asn Gly Asp
1 5

<210> 1132
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
cadherin-6 cell adhesion recognition sequence

<400> 1132

Lys Phe Asn Ile Asp Ser Gly Asp
1 5

<210> 1133
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
cadherin-6 cell adhesion recognition sequence

<400> 1133

Lys Phe Asn Ile Asp Ser Gly Asn Asp
1 5

<210> 1134
<211> 10

1130-1134

<223> Representative cyclic modulating agent based on
cadherin-6 cell adhesion recognition sequence

<400> 1138

Glu Glu Glu Tyr Lys
1 5

<210> 1139

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-6 cell adhesion recognition sequence

<400> 1139

Glu Glu Glu Tyr Thr Lys
1 5

<210> 1140

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-6 cell adhesion recognition sequence

<400> 1140

Glu Glu Glu Tyr Thr Gly Lys
1 5

<210> 1141

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-6 cell adhesion recognition sequence

<400> 1141

Glu Leu Glu Glu Tyr Lys
1 5

<210> 1142

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-6 cell adhesion recognition sequence

<400> 1142

Glu Glu Glu Tyr Thr Lys

Foot # 6989007

1

5

<210> 1143
 <211> 8
 <212> PRT
 <213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
 cadherin-6 cell adhesion recognition sequence

<400> 1143

Glu Leu Glu Glu Tyr Thr Gly Lys

1

5

<210> 1144
 <211> 7
 <212> PRT
 <213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
 cadherin-6 cell adhesion recognition sequence

<400> 1144

Glu Leu Leu Glu Glu Tyr Lys

1

5

<210> 1145
 <211> 9
 <212> PRT
 <213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
 cadherin-6 cell adhesion recognition sequence

<400> 1145

Glu Leu Leu Glu Glu Tyr Thr Gly Lys

1

5

<210> 1146
 <211> 8
 <212> PRT
 <213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
 cadherin-6 cell adhesion recognition sequence

<400> 1146

Glu Phe Leu Leu Glu Glu Tyr Lys

1

5

<210> 1147
 <211> 8
 <212> PRT

4460341 5529007

<400> 1151
 Glu Phe Phe Leu Leu Glu Glu Tyr Thr Gly Lys
 1 5 10

<210> 1152
 <211> 5
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 cadherin-6 cell adhesion recognition sequence

<400> 1152
 Glu Glu Ser Glu Lys
 1 5

<210> 1153
 <211> 6
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 cadherin-6 cell adhesion recognition sequence

<400> 1153
 Glu Glu Ser Glu Thr Lys
 1 5

<210> 1154
 <211> 7
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 cadherin-6 cell adhesion recognition sequence

<400> 1154
 Glu Glu Ser Glu Thr Gly Lys
 1 5

<210> 1155
 <211> 6
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 cadherin-6 cell adhesion recognition sequence

<400> 1155
 Glu Val Glu Ser Glu Lys
 1 5

TOE004" 0330001

Glu Tyr Phe Ser Val Glu Ser Glu Lys
1 5

<210> 1165
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
cadherin-6 cell adhesion recognition sequence

<400> 1165

Glu Tyr Phe Ser Val Glu Ser Glu Thr Lys
1 5 10

<210> 1166
<211> 11
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
cadherin-6 cell adhesion recognition sequence

<400> 1166

Glu Tyr Phe Ser Val Glu Ser Glu Thr Gly Lys
1 5 10

<210> 1167
<211> 5
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
cadherin-6 cell adhesion recognition sequence

<400> 1167

Glu Asp Ser Gly Lys
1 5

<210> 1168
<211> 6
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
cadherin-6 cell adhesion recognition sequence

<400> 1168

Glu Asp Ser Gly Asn Lys
1 5

<210> 1169
<211> 7

1165 1166 1167 1168 1169

<212> PRT
 <213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
 cadherin-6 cell adhesion recognition sequence

<400> 1169

Glu Asp Ser Gly Asn Gly Lys
 1 5

<210> 1170
 <211> 6
 <212> PRT
 <213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
 cadherin-6 cell adhesion recognition sequence

<400> 1170

Glu Ile Asp Ser Gly Lys
 1 5

<210> 1171
 <211> 7
 <212> PRT
 <213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
 cadherin-6 cell adhesion recognition sequence

<400> 1171

Glu Ile Asp Ser Gly Asn Lys
 1 5

<210> 1172
 <211> 8
 <212> PRT
 <213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
 cadherin-6 cell adhesion recognition sequence

<400> 1172

Glu Ile Asp Ser Gly Asn Gly Lys
 1 5

<210> 1173
 <211> 7
 <212> PRT
 <213> Artificial Sequence

<220>

4-03-02-1-033003

<223> Representative cyclic modulating agent based on
cadherin-6 cell adhesion recognition sequence

<400> 1173

Glu Asn Ile Asp Ser Gly Lys
1 5

<210> 1174

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-6 cell adhesion recognition sequence

<400> 1174

Glu Asn Ile Asp Ser Gly Asn Lys
1 5

<210> 1175

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-6 cell adhesion recognition sequence

<400> 1175

Glu Asn Ile Asp Ser Gly Asn Gly Lys
1 5

<210> 1176

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-6 cell adhesion recognition sequence

<400> 1176

Glu Phe Asn Ile Asp Ser Gly Lys
1 5

<210> 1177

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-6 cell adhesion recognition sequence

<400> 1177

Glu Phe Asn Ile Asp Ser Gly Asn Lys

1 5

<210> 1178
 <211> 10
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 cadherin-6 cell adhesion recognition sequence

<400> 1178
 Glu Phe Asn Ile Asp Ser Gly Asn Gly Lys
 1 5 10

<210> 1179
 <211> 9
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 cadherin-6 cell adhesion recognition sequence

<400> 1179
 Glu Ile Phe Asn Ile Asp Ser Gly Lys
 1 5

<210> 1180
 <211> 10
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 cadherin-6 cell adhesion recognition sequence

<400> 1180
 Glu Ile Phe Asn Ile Asp Ser Gly Asn Lys
 1 5 10

<210> 1181
 <211> 11
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 cadherin-6 cell adhesion recognition sequence

<400> 1181
 Glu Ile Phe Asn Ile Asp Ser Gly Asn Gly Lys
 1 5 10

<210> 1182
 <211> 5
 <212> PRT

Publ. 653007

<223> Representative cyclic modulating agent based on cadherin-6 cell adhesion recognition sequence

Asp Glu Glu Tyr Lys
1 5

<213> Artificial Sequence

<223> Representative cyclic modulating agent based on cadherin-6 cell adhesion recognition sequence

Asp Leu Glu Glu Tyr Lys
1 5

<213> Artificial Sequence

<223> Representative cyclic modulating agent based on cadherin-6 cell adhesion recognition sequence

Asp Leu Glu Glu Tyr Thr Lys
1 5

<213> Artificial Sequence

<223> Representative cyclic modulating agent based on
cadherin-6 cell adhesion recognition sequence

Asp Leu Glu Glu Tyr Thr Gly Lys
1 5

<213> Artificial Sequence

<223> Representative cyclic modulating agent based on cadherin-6 cell adhesion recognition sequence

<400> 1186
 Asp Leu Leu Glu Glu Tyr Lys
 1 5

<210> 1187
 <211> 9
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 cadherin-6 cell adhesion recognition sequence

<400> 1187
 Asp Leu Leu Glu Glu Tyr Thr Gly Lys
 1 5

<210> 1188
 <211> 8
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 cadherin-6 cell adhesion recognition sequence

<400> 1188
 Asp Phe Leu Leu Glu Glu Tyr Lys
 1 5

<210> 1189
 <211> 8
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 cadherin-6 cell adhesion recognition sequence

<400> 1189
 Asp Leu Leu Glu Glu Tyr Thr Lys
 1 5

<210> 1190
 <211> 10
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 cadherin-6 cell adhesion recognition sequence

<400> 1190
 Asp Phe Leu Leu Glu Glu Tyr Thr Gly Lys
 1 5 10

Patent # 5,923,900

<220>
<223> Representative cyclic modulating agent based on
cadherin-6 cell adhesion recognition sequence

<400> 1191

```
<210> 1192
<211> 10
<212> PRT
<213> Artificial Sequence
```

<220>
<223> Representative cyclic modulating agent based on
cadherin-6 cell adhesion recognition sequence

<400> 1192

```
<210> 1193
<211> 11
<212> PRT
<213> Artificial Sequence
```

<220>
<223> Representative cyclic modulating agent based on
cadherin-6 cell adhesion recognition sequence

<400> 1193

```
<210> 1194
<211> 5
<212> PRT
<213> Artificial Sequence
```

<220>
<223> Representative cyclic modulating agent based on
cadherin-6 cell adhesion recognition sequence

<400> 1194

```
<210> 1195
<211> 6
<212> PRT
<213> Artificial Sequence
```

433.1842
 433.1841
 433.1840
 433.1839
 433.1838
 433.1837
 433.1836
 433.1835
 433.1834
 433.1833
 433.1832
 433.1831
 433.1830
 433.1829
 433.1828
 433.1827
 433.1826
 433.1825
 433.1824
 433.1823
 433.1822
 433.1821
 433.1820
 433.1819
 433.1818
 433.1817
 433.1816
 433.1815
 433.1814
 433.1813
 433.1812
 433.1811
 433.1810
 433.1809
 433.1808
 433.1807
 433.1806
 433.1805
 433.1804
 433.1803
 433.1802
 433.1801
 433.1800
 433.1799
 433.1798
 433.1797
 433.1796
 433.1795
 433.1794
 433.1793
 433.1792
 433.1791
 433.1790
 433.1789
 433.1788
 433.1787
 433.1786
 433.1785
 433.1784
 433.1783
 433.1782
 433.1781
 433.1780
 433.1779
 433.1778
 433.1777
 433.1776
 433.1775
 433.1774
 433.1773
 433.1772
 433.1771
 433.1770
 433.1769
 433.1768
 433.1767
 433.1766
 433.1765
 433.1764
 433.1763
 433.1762
 433.1761
 433.1760
 433.1759
 433.1758
 433.1757
 433.1756
 433.1755
 433.1754
 433.1753
 433.1752
 433.1751
 433.1750
 433.1749
 433.1748
 433.1747
 433.1746
 433.1745
 433.1744
 433.1743
 433.1742
 433.1741
 433.1740
 433.1739
 433.1738
 433.1737
 433.1736
 433.1735
 433.1734
 433.1733
 433.1732
 433.1731
 433.1730
 433.1729
 433.1728
 433.1727
 433.1726
 433.1725
 433.1724
 433.1723
 433.1722
 433.1721
 433.1720
 433.1719
 433.1718
 433.1717
 433.1716
 433.1715
 433.1714
 433.1713
 433.1712
 433.1711
 433.1710
 433.1709
 433.1708
 433.1707
 433.1706
 433.1705
 433.1704
 433.1703
 433.1702
 433.1701
 433.1700
 433.1699
 433.1698
 433.1697
 433.1696
 433.1695
 433.1694
 433.1693
 433.1692
 433.1691
 433.1690
 433.1689
 433.1688
 433.1687
 433.1686
 433.1685
 433.1684
 433.1683
 433.1682
 433.1681
 433.1680
 433.1679
 433.1678
 433.1677
 433.1676
 433.1675
 433.1674
 433.1673
 433.1672
 433.1671
 433.1670
 433.1669
 433.1668
 433.1667
 433.1666
 433.1665
 433.1664
 433.1663
 433.1662
 433.1661
 433.1660
 433.1659
 433.1658
 433.1657
 433.1656
 433.1655
 433.1654
 433.1653
 433.1652
 433.1651
 433.1650
 433.1649
 433.1648
 433.1647
 433.1646
 433.1645
 433.1644
 433.1643
 433.1642
 433.1641
 433.1640
 433.1639
 433.1638
 433.1637
 433.1636
 433.1635
 433.1634
 433.1633
 433.1632
 433.1631
 433.1630
 433.1629
 433.1628
 433.1627
 433.1626
 433.1625
 433.1624
 433.1623
 433.1622
 433.1621
 433.1620
 433.1619
 433.1618
 433.1617
 433.1616
 433.1615
 433.1614
 433.1613
 433.1612
 433.1611
 433.1610
 433.1609
 433.1608
 433.1607
 433.1606
 433.1605
 433.1604
 433.1603
 433.1602
 433.1601
 433.1600
 433.1599
 433.1598
 433.1597
 433.1596
 433.1595
 433.1594
 433.1593
 433.1592
 433.1591
 433.1590
 433.1589
 433.1588
 433.1587
 433.1586
 433.1585
 433.1584
 433.1583
 433.1582
 433.1581
 433.1580
 433.1579
 433.1578
 433.1577
 433.1576
 433.1575
 433.1574
 433.1573
 433.1572
 433.1571
 433.1570
 433.1569
 433.1568
 433.1567
 433.1566
 433.1565
 433.1564
 433.1563
 433.1562
 433.1561
 433.1560
 433.1559
 433.1558
 433.1557
 433.1556
 433.1555
 433.1554
 433.1553
 433.1552
 433.1551
 433.1550
 433.1549
 433.1548
 433.1547
 433.1546
 433.1545
 433.1544
 433.1543
 433.1542
 433.1541
 433.1540
 433.1539
 433.1538
 433.1537
 433.1536
 433.1535
 433.1534
 433.1533
 433.1532
 433.1531
 433.1530
 433.1529
 433.1528

<220>
 <223> Representative cyclic modulating agent based on
 cadherin-6 cell adhesion recognition sequence

<400> 1195
 Asp Glu Ser Glu Thr Lys
 1 5

<210> 1196
 <211> 7
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 cadherin-6 cell adhesion recognition sequence

<400> 1196
 Asp Glu Ser Glu Thr Gly Lys
 1 5

<210> 1197
 <211> 6
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 cadherin-6 cell adhesion recognition sequence

<400> 1197
 Asp Val Glu Ser Glu Lys
 1 5

<210> 1198
 <211> 7
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 cadherin-6 cell adhesion recognition sequence

<400> 1198
 Asp Val Ser Glu Ser Thr Lys
 1 5

<210> 1199
 <211> 8
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 cadherin-6 cell adhesion recognition sequence

<400> 1199

1195
 1196
 1197
 1198
 1199

Asp Val Glu Ser Glu Thr Gly Lys
1 5

<210> 1200
<211> 7
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
cadherin-6 cell adhesion recognition sequence

<400> 1200

Asp Ser Val Glu Ser Glu Lys
1 5

<210> 1201
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
cadherin-6 cell adhesion recognition sequence

<400> 1201

Asp Ser Val Glu Ser Glu Thr Lys
1 5

<210> 1202
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
cadherin-6 cell adhesion recognition sequence

<400> 1202

Asp Ser Val Glu Ser Glu Thr Gly Lys
1 5

<210> 1203
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
cadherin-6 cell adhesion recognition sequence

<400> 1203

Asp Phe Ser Val Glu Ser Glu Lys
1 5

<210> 1204
<211> 9

Patent No. 6,999,999

1 5

<210> 1213
 <211> 7
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 cadherin-6 cell adhesion recognition sequence

<400> 1213
 Asp Ile Asp Ser Gly Asn Lys
 1 5

<210> 1214
 <211> 8
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 cadherin-6 cell adhesion recognition sequence

<400> 1214
 Asp Ile Asp Ser Gly Asn Gly Lys
 1 5

<210> 1215
 <211> 7
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 cadherin-6 cell adhesion recognition sequence

<400> 1215
 Asp Asn Ile Asp Ser Gly Lys
 1 5

<210> 1216
 <211> 8
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 cadherin-6 cell adhesion recognition sequence

<400> 1216
 Asp Asn Ile Asp Ser Gly Asn Lys
 1 5

<210> 1217
 <211> 9
 <212> PRT

1213 1214 1215 1216 1217

<400> 1221
 Asp Ile Phe Asn Ile Asp Ser Gly Lys
 1 5

<210> 1222
 <211> 10
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 cadherin-6 cell adhesion recognition sequence

<400> 1222
 Asp Ile Phe Asn Ile Asp Ser Gly Asn Lys
 1 5 10

<210> 1223
 <211> 11
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 cadherin-6 cell adhesion recognition sequence

<400> 1223
 Asp Ile Phe Asn Ile Asp Ser Gly Asn Gly Lys
 1 5 10

<210> 1224
 <211> 5
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 cadherin-6 cell adhesion recognition sequence

<400> 1224
 Lys Glu Glu Tyr Glu
 1 5

<210> 1225
 <211> 6
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 cadherin-6 cell adhesion recognition sequence

<400> 1225
 Lys Leu Glu Glu Tyr Glu
 1 5

#324246930001

<210> 1226
 <211> 7
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 cadherin-6 cell adhesion recognition sequence

<400> 1226
 Lys Leu Glu Glu Tyr Thr Glu
 1 5

<210> 1227
 <211> 8
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 cadherin-6 cell adhesion recognition sequence

<400> 1227
 Lys Leu Glu Glu Tyr Thr Gly Glu
 1 5

<210> 1228
 <211> 7
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 cadherin-6 cell adhesion recognition sequence

<400> 1228
 Lys Leu Leu Glu Glu Tyr Glu
 1 5

<210> 1229
 <211> 9
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 cadherin-6 cell adhesion recognition sequence

<400> 1229
 Lys Leu Leu Glu Glu Tyr Thr Gly Glu
 1 5

<210> 1230
 <211> 8
 <212> PRT
 <213> Artificial Sequence

10005369-120301

<212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 cadherin-6 cell adhesion recognition sequence

<400> 1239
 Lys Glu Ser Glu Glu
 1 5

<210> 1240
 <211> 6
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 cadherin-6 cell adhesion recognition sequence

<400> 1240
 Lys Glu Ser Glu Thr Glu
 1 5

<210> 1241
 <211> 7
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 cadherin-6 cell adhesion recognition sequence

<400> 1241
 Lys Glu Ser Glu Thr Gly Glu
 1 5

<210> 1242
 <211> 6
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 cadherin-6 cell adhesion recognition sequence

<400> 1242
 Lys Val Glu Ser Glu Glu
 1 5

<210> 1243
 <211> 7
 <212> PRT
 <213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-6 cell adhesion recognition sequence

<400> 1243

Lys Val Ser Glu Ser Thr Glu
1 5

<210> 1244

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-6 cell adhesion recognition sequence

<400> 1244

Lys Val Glu Ser Glu Thr Gly Glu
1 5

<210> 1245

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-6 cell adhesion recognition sequence

<400> 1245

Lys Ser Val Glu Ser Glu Glu
1 5

<210> 1246

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-6 cell adhesion recognition sequence

<400> 1246

Lys Ser Val Glu Ser Glu Thr Glu
1 5

<210> 1247

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-6 cell adhesion recognition sequence

<400> 1247

Lys Ser Val Glu Ser Glu Thr Gly Glu

1 5

<210> 1248
 <211> 8
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 cadherin-6 cell adhesion recognition sequence

<400> 1248
 Lys Phe Ser Val Glu Ser Glu Glu
 1 5

<210> 1249
 <211> 9
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 cadherin-6 cell adhesion recognition sequence

<400> 1249
 Lys Phe Ser Val Glu Ser Glu Thr Glu
 1 5

<210> 1250
 <211> 10
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 cadherin-6 cell adhesion recognition sequence

<400> 1250
 Lys Phe Ser Val Glu Ser Glu Thr Gly Glu
 1 5 10

<210> 1251
 <211> 9
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 cadherin-6 cell adhesion recognition sequence

<400> 1251
 Lys Tyr Phe Ser Val Glu Ser Glu Glu
 1 5

<210> 1252
 <211> 10
 <212> PRT

1000569-10004
 1000569-10004

<400> 1256
Lys Asp Ser Gly Asn Gly Glu
1 5

<210> 1257
<211> 6
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
cadherin-6 cell adhesion recognition sequence

<400> 1257
Lys Ile Asp Ser Gly Glu
1 5

<210> 1258
<211> 7
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
cadherin-6 cell adhesion recognition sequence

<400> 1258
Lys Ile Asp Ser Gly Asn Glu
1 5

<210> 1259
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
cadherin-6 cell adhesion recognition sequence

<400> 1259
Lys Ile Asp Ser Gly Asn Gly Glu
1 5

<210> 1260
<211> 7
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
cadherin-6 cell adhesion recognition sequence

<400> 1260
Lys Asn Ile Asp Ser Gly Glu
1 5

400 1256 1257 1258 1259 1260

<210> 1261
 <211> 8
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 cadherin-6 cell adhesion recognition sequence

<400> 1261
 Lys Asn Ile Asp Ser Gly Asn Glu
 1 5

<210> 1262
 <211> 9
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 cadherin-6 cell adhesion recognition sequence

<400> 1262
 Lys Asn Ile Asp Ser Gly Asn Gly Glu
 1 5

<210> 1263
 <211> 8
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 cadherin-6 cell adhesion recognition sequence

<400> 1263
 Lys Phe Asn Ile Asp Ser Gly Glu
 1 5

<210> 1264
 <211> 9
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 cadherin-6 cell adhesion recognition sequence

<400> 1264
 Lys Phe Asn Ile Asp Ser Gly Asn Glu
 1 5

<210> 1265
 <211> 10
 <212> PRT
 <213> Artificial Sequence

Leu Glu Glu Tyr Thr
1 5

<210> 1270
<211> 6
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
cadherin-6 cell adhesion recognition sequence

<400> 1270

Leu Glu Glu Tyr Thr Gly
1 5

<210> 1271
<211> 5
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
cadherin-6 cell adhesion recognition sequence

<400> 1271

Leu Leu Glu Glu Tyr
1 5

<210> 1272
<211> 7
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
cadherin-6 cell adhesion recognition sequence

<400> 1272

Leu Leu Glu Glu Tyr Thr Gly
1 5

<210> 1273
<211> 6
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
cadherin-6 cell adhesion recognition sequence

<400> 1273

Phe Leu Leu Glu Glu Tyr
1 5

<210> 1274
<211> 6

433001

<400> 1278
Phe Phe Leu Leu Glu Glu Tyr Thr Gly
1 5

<220>
<223> Representative cyclic modulating agent based on
cadherin-6 cell adhesion recognition sequence

<400> 1279
Glu Ser Glu Thr Gly
1 5

<220>
<223> Representative cyclic modulating agent based on
cadherin-6 cell adhesion recognition sequence

```

Val  Ser  Glu  Ser  Thr
    1          5

```

```
<210> 1281
<211> 6
<212> PRT
<213> Artificial Sequence
```

<220>
<223> Representative cyclic modulating agent based on
cadherin-6 cell adhesion recognition sequence

Val Glu Ser Glu Thr Gly
1 5

```
<210> 1282
<211> 5
<212> PRT
<213> Artificial Sequence
```

<220>
<223> Representative cyclic modulating agent based on
cadherin-6 cell adhesion recognition sequence

<400> 1282
Ser Val Glu Ser Glu

[illegible]

1 5

<210> 1283
 <211> 6
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 cadherin-6 cell adhesion recognition sequence

<400> 1283
 Ser Val Glu Ser Glu Thr
 1 5

<210> 1284
 <211> 7
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 cadherin-6 cell adhesion recognition sequence

<400> 1284
 Ser Val Glu Ser Glu Thr Gly
 1 5

<210> 1285
 <211> 6
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 cadherin-6 cell adhesion recognition sequence

<400> 1285
 Phe Ser Val Glu Ser Glu
 1 5

<210> 1286
 <211> 7
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 cadherin-6 cell adhesion recognition sequence

<400> 1286
 Phe Ser Val Glu Ser Glu Thr
 1 5

<210> 1287
 <211> 8
 <212> PRT

400660400

<220>

<400> 1287

<210> 1288

<211> 7

<212> PRT

<220>

<400> 1288

<210> 1289

<211> 8

<212> PRT

$\langle 220 \rangle$

<400> 1289

<210> 1290

$\langle 211 \rangle$ 9

<212> PRT

<220>

<400> 1290

<210> 1291

<211> 5

<212> PRT

$\langle 220 \rangle$

<223> Representative cyclic modulating agent based on cadherin-6 cell adhesion recognition sequence

<400> 1291
Asp Ser Gly Asn Gly
1 5

<210> 1292
<211> 5
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
cadherin-6 cell adhesion recognition sequence

<400> 1292
Ile Asp Ser Gly Asn
1 5

<210> 1293
<211> 6
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
cadherin-6 cell adhesion recognition sequence

<400> 1293
Ile Asp Ser Gly Asn Gly
1 5

<210> 1294
<211> 5
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
cadherin-6 cell adhesion recognition sequence

<400> 1294
Asn Ile Asp Ser Gly
1 5

<210> 1295
<211> 6
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
cadherin-6 cell adhesion recognition sequence

<400> 1295
Asn Ile Asp Ser Gly Asn
1 5

1291 1292 1293 1294 1295

<223> Representative cyclic modulating agent based on cadherin-6 cell adhesion recognition sequence

<400> 1300

<210> 1301

<212> PRT

<213> Artificial Sequence

<223> Representative cyclic modulating agent based on
cadherin-6 cell adhesion recognition sequence

<400> 1301

<210> 1302

<212> PRT

<213> Artificial Sequence

<223> Representative cyclic modulating agent based on cadherin-6 cell adhesion recognition sequence

<400> 1302

<210> 1303

<212> PRT

<213> Artificial Sequence

<223> Representative cyclic modulating agent based on cadherin-7 cell adhesion recognition sequence

<400> 1303

<210> 1304

<212> PRT

<213> Artificial Sequence

<223> Representative cyclic modulating agent based on cadherin-7 cell adhesion recognition sequence

<400> 1304

Cys Ile Asp Glu Asn Cys
1 5

<210> 1305
<211> 6
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
cadherin-7 cell adhesion recognition sequence

<400> 1305

Cys Asp Glu Asn Thr Cys
1 5

<210> 1306
<211> 7
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
cadherin-7 cell adhesion recognition sequence

<400> 1306

Cys Ile Ile Asp Glu Asn Cys
1 5

<210> 1307
<211> 7
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
cadherin-7 cell adhesion recognition sequence

<400> 1307

Cys Ile Asp Glu Asn Thr Cys
1 5

<210> 1308
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
cadherin-7 cell adhesion recognition sequence

<400> 1308

Cys Ile Ile Asp Glu Asn Thr Cys
1 5

<210> 1309
<211> 7

4005501-625001

<212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 cadherin-7 cell adhesion recognition sequence

<400> 1309
 Cys Asp Glu Asn Thr Gly Cys
 1 5

<210> 1310
 <211> 8
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 cadherin-7 cell adhesion recognition sequence

<400> 1310
 Cys Ile Asp Glu Asn Thr Gly Cys
 1 5

<210> 1311
 <211> 9
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 cadherin-7 cell adhesion recognition sequence

<400> 1311
 Cys Ile Ile Asp Glu Asn Thr Gly Cys
 1 5

<210> 1312
 <211> 8
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 cadherin-7 cell adhesion recognition sequence

<400> 1312
 Cys Phe Ile Ile Asp Glu Asn Cys
 1 5

<210> 1313
 <211> 9
 <212> PRT
 <213> Artificial Sequence

<220>

4003004 593004

<223> Representative cyclic modulating agent based on
cadherin-7 cell adhesion recognition sequence

<400> 1313

Cys Phe Ile Ile Asp Glu Asn Thr Cys
1 5

<210> 1314

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-7 cell adhesion recognition sequence

<400> 1314

Cys Phe Ile Ile Asp Glu Asn Thr Gly Cys
1 5 10

<210> 1315

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-7 cell adhesion recognition sequence

<400> 1315

Cys Ile Phe Ile Ile Asp Glu Asn Cys
1 5

<210> 1316

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-7 cell adhesion recognition sequence

<400> 1316

Cys Ile Phe Ile Ile Asp Glu Asn Thr Cys
1 5 10

<210> 1317

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-7 cell adhesion recognition sequence

<400> 1317

Cys Ile Phe Ile Ile Asp Glu Asn Thr Gly Cys

| 1 | 5 | 10 |
|-----------------------------|---|----|
| <210> | 1318 | |
| <211> | 6 | |
| <212> | PRT | |
| <213> | Artificial Sequence | |
| <220> | | |
| <223> | Representative cyclic modulating agent based on cadherin-7 cell adhesion recognition sequence | |
| <400> | 1318 | |
| Asp Asp Glu Asn Thr Lys | | |
| 1 | 5 | |
| <210> | 1319 | |
| <211> | 5 | |
| <212> | PRT | |
| <213> | Artificial Sequence | |
| <220> | | |
| <223> | Representative cyclic modulating agent based on cadherin-7 cell adhesion recognition sequence | |
| <400> | 1319 | |
| Asp Asp Glu Asn Lys | | |
| 1 | 5 | |
| <210> | 1320 | |
| <211> | 6 | |
| <212> | PRT | |
| <213> | Artificial Sequence | |
| <220> | | |
| <223> | Representative cyclic modulating agent based on cadherin-7 cell adhesion recognition sequence | |
| <400> | 1320 | |
| Asp Ile Asp Glu Asn Lys | | |
| 1 | 5 | |
| <210> | 1321 | |
| <211> | 7 | |
| <212> | PRT | |
| <213> | Artificial Sequence | |
| <220> | | |
| <223> | Representative cyclic modulating agent based on cadherin-7 cell adhesion recognition sequence | |
| <400> | 1321 | |
| Asp Ile Ile Asp Glu Asn Lys | | |
| 1 | 5 | |
| <210> | 1322 | |
| <211> | 8 | |
| <212> | PRT | |

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-7 cell adhesion recognition sequence

<400> 1322

Asp Phe Ile Ile Asp Glu Asn Lys
1 5

<210> 1323

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-7 cell adhesion recognition sequence

<400> 1323

Asp Ile Phe Ile Ile Asp Glu Asn Lys
1 5

<210> 1324

<211> 5

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-7 cell adhesion recognition sequence

<400> 1324

Glu Asp Glu Asn Lys
1 5

<210> 1325

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-7 cell adhesion recognition sequence

<400> 1325

Glu Ile Asp Glu Asn Lys
1 5

<210> 1326

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-7 cell adhesion recognition sequence

1322-1326

<400> 1326

<210> 1327

<211> 8

<212> PRT

<213> Artificial Sequence

 $\langle 220 \rangle$

<223> Representative cyclic modulating agent based on cadherin-7 cell adhesion recognition sequence

<400> 1327

<210> 1328

<211> 9

<212> PRT

<213> Artificial Sequence

$\langle 220 \rangle$

<223> Representative cyclic modulating agent based on cadherin-7 cell adhesion recognition sequence

<400> 1328

<210> 1329

$\langle 211 \rangle$ 5

<212> PRT

<213> Artificial Sequence

 $\langle 220 \rangle$

<223> Representative cyclic modulating agent based on cadherin-7 cell adhesion recognition sequence

<400> 1329

<210> 1330

<211> 6

<212> PRT

<213> Artificial Sequence

 $\langle 220 \rangle$

<223> Representative cyclic modulating agent based on cadherin-7 cell adhesion recognition sequence

<400> 1330

5

<210> 1331
 <211> 6
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 cadherin-7 cell adhesion recognition sequence

<400> 1331
 Lys Asp Glu Asn Thr Asp
 1 5

<210> 1332
 <211> 7
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 cadherin-7 cell adhesion recognition sequence

<400> 1332
 Lys Ile Ile Asp Glu Asn Asp
 1 5

<210> 1333
 <211> 7
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 cadherin-7 cell adhesion recognition sequence

<400> 1333
 Lys Ile Asp Glu Asn Thr Asp
 1 5

<210> 1334
 <211> 8
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 cadherin-7 cell adhesion recognition sequence

<400> 1334
 Lys Ile Ile Asp Glu Asn Thr Asp
 1 5

<210> 1335
 <211> 7
 <212> PRT
 <213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-7 cell adhesion recognition sequence

<400> 1335

Lys Asp Glu Asn Thr Gly Asp
1 5

<210> 1336

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-7 cell adhesion recognition sequence

<400> 1336

Lys Ile Asp Glu Asn Thr Gly Asp
1 5

<210> 1337

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-7 cell adhesion recognition sequence

<400> 1337

Lys Ile Ile Asp Glu Asn Thr Gly Asp
1 5

<210> 1338

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-7 cell adhesion recognition sequence

<400> 1338

Lys Phe Ile Ile Asp Glu Asn Asp
1 5

<210> 1339

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-7 cell adhesion recognition sequence

<400> 1339

Lys Phe Ile Ile Asp Glu Asn Thr Asp
1 5

<210> 1340
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
cadherin-7 cell adhesion recognition sequence

<400> 1340

Lys Phe Ile Ile Asp Glu Asn Thr Gly Asp
1 5 10

<210> 1341
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
cadherin-7 cell adhesion recognition sequence

<400> 1341

Lys Ile Phe Ile Ile Asp Glu Asn Asp
1 5

<210> 1342
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
cadherin-7 cell adhesion recognition sequence

<400> 1342

Lys Ile Phe Ile Ile Asp Glu Asn Thr Asp
1 5 10

<210> 1343
<211> 11
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
cadherin-7 cell adhesion recognition sequence

<400> 1343

Lys Ile Phe Ile Ile Asp Glu Asn Thr Gly Asp
1 5 10

<210> 1344
<211> 7

<212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 cadherin-7 cell adhesion recognition sequence

<400> 1344
 Asp Ile Asp Glu Asn Thr Lys
 1 5

<210> 1345
 <211> 5
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 cadherin-7 cell adhesion recognition sequence

<400> 1345
 Ile Asp Glu Asn Thr
 1 5

<210> 1346
 <211> 6
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 cadherin-7 cell adhesion recognition sequence

<400> 1346
 Ile Ile Asp Glu Asn Thr
 1 5

<210> 1347
 <211> 5
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 cadherin-7 cell adhesion recognition sequence

<400> 1347
 Asp Glu Asn Thr Gly
 1 5

<210> 1348
 <211> 6
 <212> PRT
 <213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-7 cell adhesion recognition sequence

<400> 1348

Ile Asp Glu Asn Thr Gly
1 5

<210> 1349

<211> 5

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-7 cell adhesion recognition sequence

<400> 1349

Lys Asp Glu Asn Glu
1 5

<210> 1350

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-7 cell adhesion recognition sequence

<400> 1350

Lys Ile Asp Glu Asn Glu
1 5

<210> 1351

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-7 cell adhesion recognition sequence

<400> 1351

Lys Asp Glu Asn Thr Glu
1 5

<210> 1352

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-7 cell adhesion recognition sequence

<400> 1352

Lys Ile Ile Asp Glu Asn Glu

5

<220>
<223> Representative cyclic modulating agent based on
cadherin-7 cell adhesion recognition sequence

```
<400> 1353
Le Asp Glu Asn Thr Glu
          5
<210> 1354
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
cadherin-7 cell adhesion recognition sequence
```

```

<400> 1354
le Ile Asp Glu Asn Thr Glu
      5
<210> 1355
<211> 7
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
      cadherin-7 cell adhesion recognition sequence

```

```

<400> 1355
asp Glu Asn Thr Gly Glu
      5
<210> 1356
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
      cadherin-7 cell adhesion recognition sequence

```

```
<400> 1356
le Asp Glu A

<210> 1357
<211> 9
<212> PRT
```

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-7 cell adhesion recognition sequence

<400> 1357

Lys Ile Ile Asp Glu Asn Thr Gly Glu
1 5

<210> 1358

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-7 cell adhesion recognition sequence

<400> 1358

Lys Phe Ile Ile Asp Glu Asn Glu
1 5

<210> 1359

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-7 cell adhesion recognition sequence

<400> 1359

Lys Phe Ile Ile Asp Glu Asn Thr Glu
1 5

<210> 1360

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-7 cell adhesion recognition sequence

<400> 1360

Lys Phe Ile Ile Asp Glu Asn Thr Gly Glu
1 5 10

<210> 1361

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-7 cell adhesion recognition sequence

<400> 1361

<211> 10

<212> PRT

<213> Artificial Sequence

 $\langle 220 \rangle$

<223> Representative cyclic modulating agent based on
cadherin-7 cell adhesion recognition sequence

<400> 1362

<210> 1363

<211> 11

<212> PRT

<213> Artificial Sequence

 $\langle 220 \rangle$

<223> Representative cyclic modulating agent based on
cadherin-7 cell adhesion recognition sequence

<400> 1363

<210> 1364

$\langle 211 \rangle$ 6

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on cadherin-7 cell adhesion recognition sequence

<400> 1364

<210> 1365

<211> 5

<212> PRT

<213> Artificial Sequence

 $\langle 220 \rangle$

<223> Representative cyclic modulating agent based on
cadherin-7 cell adhesion recognition sequence

<400> 1365

<210> 1366
 <211> 7
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 cadherin-7 cell adhesion recognition sequence

<400> 1366
 Ile Ile Asp Glu Asn Thr Gly
 1 5

<210> 1367
 <211> 6
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 cadherin-7 cell adhesion recognition sequence

<400> 1367
 Phe Ile Ile Asp Glu Asn
 1 5

<210> 1368
 <211> 7
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 cadherin-7 cell adhesion recognition sequence

<400> 1368
 Phe Ile Ile Asp Glu Asn Thr
 1 5

<210> 1369
 <211> 8
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 cadherin-7 cell adhesion recognition sequence

<400> 1369
 Phe Ile Ile Asp Glu Asn Thr Gly
 1 5

<210> 1370
 <211> 7
 <212> PRT
 <213> Artificial Sequence

400664 639004

<220>

<223> Representative cyclic modulating agent based on
cadherin-7 cell adhesion recognition sequence

<400> 1370

Ile Phe Ile Ile Asp Glu Asn
1 5

<210> 1371

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-7 cell adhesion recognition sequence

<400> 1371

Ile Phe Ile Ile Asp Glu Asn Thr
1 5

<210> 1372

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-7 cell adhesion recognition sequence

<400> 1372

Ile Phe Ile Ile Asp Glu Asn Thr Gly
1 5

<210> 1373

<211> 5

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-7 cell adhesion recognition sequence

<400> 1373

Cys Glu Pro Lys Cys
1 5

<210> 1374

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-7 cell adhesion recognition sequence

<400> 1374

Cys Glu Pro Lys Thr Cys
1 5

<210> 1375

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-7 cell adhesion recognition sequence

<400> 1375

Cys Glu Pro Lys Thr Gly Cys
1 5

<210> 1376

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-7 cell adhesion recognition sequence

<400> 1376

Cys Val Glu Pro Lys Cys
1 5

<210> 1377

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-7 cell adhesion recognition sequence

<400> 1377

Cys Val Glu Pro Lys Thr Cys
1 5

<210> 1378

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-7 cell adhesion recognition sequence

<400> 1378

Cys Val Glu Pro Lys Thr Gly Cys
1 5

<210> 1379

<211> 7

4005947 620247

<223> Representative cyclic modulating agent based on
cadherin-7 cell adhesion recognition sequence

<400> 1383

Cys Phe Ser Val Glu Pro Lys Thr Cys
1 5

<210> 1384

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-7 cell adhesion recognition sequence

<400> 1384

Cys Phe Ser Val Glu Pro Lys Thr Gly Cys
1 5 10

<210> 1385

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-7 cell adhesion recognition sequence

<400> 1385

Cys Tyr Phe Ser Val Glu Pro Lys Cys
1 5

<210> 1386

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-7 cell adhesion recognition sequence

<400> 1386

Cys Tyr Phe Ser Val Glu Pro Lys Thr Cys
1 5 10

<210> 1387

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-7 cell adhesion recognition sequence

<400> 1387

Cys Tyr Phe Ser Val Glu Pro Lys Thr Gly Cys

```

1                               5                               10

<210> 1388
<211> 5
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
        cadherin-7 cell adhesion recognition sequence

<400> 1388
Cys Asp Ala Asn Cys
1                               5

<210> 1389
<211> 6
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
        cadherin-7 cell adhesion recognition sequence

<400> 1389
Cys Asp Ala Asn Ser Cys
1                               5

<210> 1390
<211> 7
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
        cadherin-7 cell adhesion recognition sequence

<400> 1390
Cys Asp Ala Asn Ser Gly Cys
1                               5

<210> 1391
<211> 6
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
        cadherin-7 cell adhesion recognition sequence

<400> 1391
Cys Ile Asp Ala Asn Cys
1                               5

<210> 1392
<211> 7
<212> PRT

```

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-7 cell adhesion recognition sequence

<400> 1392

Cys Ile Asp Ala Asn Ser Cys
1 5

<210> 1393

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-7 cell adhesion recognition sequence

<400> 1393

Cys Ile Asp Ala Asn Ser Gly Cys
1 5

<210> 1394

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-7 cell adhesion recognition sequence

<400> 1394

Cys Asn Ile Asp Ala Asn Cys
1 5

<210> 1395

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-7 cell adhesion recognition sequence

<400> 1395

Cys Asn Ile Asp Ala Asn Ser Cys
1 5

<210> 1396

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-7 cell adhesion recognition sequence

1392-1396

<400> 1396
Cys Asn Ile Asp Ala Asn Ser Gly Cys
1 5

<210> 1397
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
cadherin-7 cell adhesion recognition sequence

<400> 1397
Cys Phe Asn Ile Asp Ala Asn Cys
1 5

<210> 1398
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
cadherin-7 cell adhesion recognition sequence

<400> 1398
Cys Phe Asn Ile Asp Ala Asn Ser Cys
1 5

<210> 1399
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
cadherin-7 cell adhesion recognition sequence

<400> 1399
Cys Phe Asn Ile Asp Ala Asn Ser Gly Cys
1 5 10

<210> 1400
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
cadherin-7 cell adhesion recognition sequence

<400> 1400
Cys Tyr Phe Asn Ile Asp Ala Asn Cys
1 5

Top of document

<210> 1401
 <211> 10
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 cadherin-7 cell adhesion recognition sequence

<400> 1401
 Cys Tyr Phe Asn Ile Asp Ala Asn Ser Cys
 1 5 10

<210> 1402
 <211> 11
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 cadherin-7 cell adhesion recognition sequence

<400> 1402
 Cys Tyr Phe Asn Ile Asp Ala Asn Ser Gly Cys
 1 5 10

<210> 1403
 <211> 5
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 cadherin-7 cell adhesion recognition sequence

<400> 1403
 Glu Glu Pro Lys Lys
 1 5

<210> 1404
 <211> 6
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 cadherin-7 cell adhesion recognition sequence

<400> 1404
 Glu Glu Pro Lys Thr Lys
 1 5

<210> 1405
 <211> 7
 <212> PRT
 <213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-7 cell adhesion recognition sequence

<400> 1405

Glu Glu Pro Lys Thr Gly Lys
1 5

<210> 1406

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-7 cell adhesion recognition sequence

<400> 1406

Glu Val Glu Pro Lys Lys
1 5

<210> 1407

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-7 cell adhesion recognition sequence

<400> 1407

Glu Val Glu Pro Lys Thr Lys
1 5

<210> 1408

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-7 cell adhesion recognition sequence

<400> 1408

Glu Val Glu Pro Lys Thr Gly Lys
1 5

<210> 1409

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-7 cell adhesion recognition sequence

<400> 1409

1405 1406 1407 1408 1409

Glu Ser Val Glu Pro Lys Lys
1 5

<210> 1410
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
cadherin-7 cell adhesion recognition sequence

<400> 1410

Glu Ser Val Glu Pro Lys Thr Lys
1 5

<210> 1411
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
cadherin-7 cell adhesion recognition sequence

<400> 1411

Glu Ser Val Glu Pro Lys Thr Gly Lys
1 5

<210> 1412
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
cadherin-7 cell adhesion recognition sequence

<400> 1412

Glu Phe Ser Val Glu Pro Lys Lys
1 5

<210> 1413
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
cadherin-7 cell adhesion recognition sequence

<400> 1413

Glu Phe Ser Val Glu Pro Lys Thr Lys
1 5

<210> 1414
<211> 10

Patent # 6,433,007

<212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 cadherin-7 cell adhesion recognition sequence

<400> 1414
 Glu Phe Ser Val Glu Pro Lys Thr Gly Lys
 1 5 10

<210> 1415
 <211> 9
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 cadherin-7 cell adhesion recognition sequence

<400> 1415
 Glu Tyr Phe Ser Val Glu Pro Lys Lys
 1 5

<210> 1416
 <211> 10
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 cadherin-7 cell adhesion recognition sequence

<400> 1416
 Glu Tyr Phe Ser Val Glu Pro Lys Thr Lys
 1 5 10

<210> 1417
 <211> 11
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 cadherin-7 cell adhesion recognition sequence

<400> 1417
 Glu Tyr Phe Ser Val Glu Pro Lys Thr Gly Lys
 1 5 10

<210> 1418
 <211> 5
 <212> PRT
 <213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-7 cell adhesion recognition sequence

<400> 1418

Glu Asp Ala Asn Lys
1 5

<210> 1419

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-7 cell adhesion recognition sequence

<400> 1419

Glu Asp Ala Asn Ser Lys
1 5

<210> 1420

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-7 cell adhesion recognition sequence

<400> 1420

Glu Asp Ala Asn Ser Gly Lys
1 5

<210> 1421

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-7 cell adhesion recognition sequence

<400> 1421

Glu Ile Asp Ala Asn Lys
1 5

<210> 1422

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-7 cell adhesion recognition sequence

<400> 1422

Glu Ile Asp Ala Asn Ser Lys

1418 1419 1420 1421 1422

1 5

<210> 1423
 <211> 8
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 cadherin-7 cell adhesion recognition sequence

<400> 1423
 Glu Ile Asp Ala Asn Ser Gly Lys
 1 5

<210> 1424
 <211> 7
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 cadherin-7 cell adhesion recognition sequence

<400> 1424
 Glu Asn Ile Asp Ala Asn Lys
 1 5

<210> 1425
 <211> 8
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 cadherin-7 cell adhesion recognition sequence

<400> 1425
 Glu Asn Ile Asp Ala Asn Ser Lys
 1 5

<210> 1426
 <211> 9
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 cadherin-7 cell adhesion recognition sequence

<400> 1426
 Glu Asn Ile Asp Ala Asn Ser Gly Lys
 1 5

<210> 1427
 <211> 8
 <212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-7 cell adhesion recognition sequence

<400> 1427

Glu Phe Asn Ile Asp Ala Asn Lys
1 5

<210> 1428

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-7 cell adhesion recognition sequence

<400> 1428

Glu Phe Asn Ile Asp Ala Asn Ser Lys
1 5

<210> 1429

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-7 cell adhesion recognition sequence

<400> 1429

Glu Phe Asn Ile Asp Ala Asn Ser Gly Lys
1 5 10

<210> 1430

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-7 cell adhesion recognition sequence

<400> 1430

Glu Tyr Phe Asn Ile Asp Ala Asn Lys
1 5

<210> 1431

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-7 cell adhesion recognition sequence

<400> 1431
 Glu Tyr Phe Asn Ile Asp Ala Asn Ser Lys
 1 5 10

<210> 1432
 <211> 11
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 cadherin-7 cell adhesion recognition sequence

<400> 1432
 Glu Tyr Phe Asn Ile Asp Ala Asn Ser Gly Lys
 1 5 10

<210> 1433
 <211> 5
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 cadherin-7 cell adhesion recognition sequence

<400> 1433
 Lys Asp Ala Asn Asp
 1 5

<210> 1434
 <211> 6
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 cadherin-7 cell adhesion recognition sequence

<400> 1434
 Lys Ile Asp Ala Asn Asp
 1 5

<210> 1435
 <211> 6
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 cadherin-7 cell adhesion recognition sequence

<400> 1435
 Lys Asp Ala Asn Ser Asp
 1 5

<210> 1436
 <211> 7
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 cadherin-7 cell adhesion recognition sequence

<400> 1436
 Lys Asn Ile Asp Ala Asn Asp
 1 5

<210> 1437
 <211> 7
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 cadherin-7 cell adhesion recognition sequence

<400> 1437
 Lys Ile Asp Ala Asn Ser Asp
 1 5

<210> 1438
 <211> 8
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 cadherin-7 cell adhesion recognition sequence

<400> 1438
 Lys Asn Ile Asp Ala Asn Ser Asp
 1 5

<210> 1439
 <211> 7
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 cadherin-7 cell adhesion recognition sequence

<400> 1439
 Lys Asp Ala Asn Ser Gly Asp
 1 5

<210> 1440
 <211> 8
 <212> PRT
 <213> Artificial Sequence

<223> Representative cyclic modulating agent based on cadherin-7 cell adhesion recognition sequence

<400> 1440

<210> 1441

<211> 9

<212> PRT

<213> Artificial Sequence

<223> Representative cyclic modulating agent based on cadherin-7 cell adhesion recognition sequence

<400> 1441

<210> 1442

$\langle 211 \rangle$ 8

<212> PRT

<213> Artificial Sequence

<223> Representative cyclic modulating agent based on cadherin-7 cell adhesion recognition sequence

<400> 1442

<210> 1443

<211> 9

<212> PRT

<213> Artificial Sequence

<223> Representative cyclic modulating agent based on cadherin-7 cell adhesion recognition sequence

<400> 1443

<210> 1444

<211> 10

<212> PRT

<213> Artificial Sequence

<223> Representative cyclic modulating agent based on cadherin-7 cell adhesion recognition sequence

<400> 1444

Lys Phe Asn Ile Asp Ala Asn Ser Gly Asp
1 5 10

<210> 1445

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-7 cell adhesion recognition sequence

<400> 1445

Lys Tyr Phe Asn Ile Asp Ala Asn Asp
1 5

<210> 1446

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-7 cell adhesion recognition sequence

<400> 1446

Lys Tyr Phe Asn Ile Asp Ala Asn Ser Asp
1 5 10

<210> 1447

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-7 cell adhesion recognition sequence

<400> 1447

Lys Tyr Phe Asn Ile Asp Ala Asn Ser Gly Asp
1 5 10

<210> 1448

<211> 5

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-7 cell adhesion recognition sequence

<400> 1448

Lys Glu Pro Lys Asp
1 5

<210> 1449

<211> 6

<212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 cadherin-7 cell adhesion recognition sequence

<400> 1449
 Lys Glu Pro Lys Thr Asp
 1 5

<210> 1450
 <211> 7
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 cadherin-7 cell adhesion recognition sequence

<400> 1450
 Lys Glu Pro Lys Thr Gly Asp
 1 5

<210> 1451
 <211> 6
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 cadherin-7 cell adhesion recognition sequence

<400> 1451
 Lys Val Glu Pro Lys Asp
 1 5

<210> 1452
 <211> 7
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 cadherin-7 cell adhesion recognition sequence

<400> 1452
 Lys Val Glu Pro Lys Thr Asp
 1 5

<210> 1453
 <211> 8
 <212> PRT
 <213> Artificial Sequence

<220>

<400> 1453
Lys Val Glu Pro Lys Thr Gly Asp
1 5

<220>
<223> Representative cyclic modulating agent based on
cadherin-7 cell adhesion recognition sequence

```
<210> 1455
<211> 8
<212> PRT
<213> Artificial Sequence
```

<220>
<223> Representative cyclic modulating agent based on
cadherin-7 cell adhesion recognition sequence

```
<210> 1456
<211> 9
<212> PRT
<213> Artificial Sequence
```

<220>
<223> Representative cyclic modulating agent based on
cadherin-7 cell adhesion recognition sequence

```
<210> 1457
<211> 8
<212> PRT
<213> Artificial Sequence
```

<220>
<223> Representative cyclic modulating agent based on
cadherin-7 cell adhesion recognition sequence

<400> 1457
Lys Phe Ser Val Glu Pro Lys Asp

1 5

<210> 1458
 <211> 9
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 cadherin-7 cell adhesion recognition sequence

<400> 1458
 Lys Phe Ser Val Glu Pro Lys Thr Asp
 1 5

<210> 1459
 <211> 10
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 cadherin-7 cell adhesion recognition sequence

<400> 1459
 Lys Phe Ser Val Glu Pro Lys Thr Gly Asp
 1 5 10

<210> 1460
 <211> 9
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 cadherin-7 cell adhesion recognition sequence

<400> 1460
 Lys Tyr Phe Ser Val Glu Pro Lys Asp
 1 5

<210> 1461
 <211> 10
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 cadherin-7 cell adhesion recognition sequence

<400> 1461
 Lys Tyr Phe Ser Val Glu Pro Lys Thr Asp
 1 5 10

<210> 1462
 <211> 11
 <212> PRT

Topol 6230001

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-7 cell adhesion recognition sequence

<400> 1462

Lys Tyr Phe Ser Val Glu Pro Lys Thr Gly Asp
1 5 10

<210> 1463

<211> 5

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-7 cell adhesion recognition sequence

<400> 1463

Lys Asp Ala Asn Asp
1 5

<210> 1464

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-7 cell adhesion recognition sequence

<400> 1464

Lys Asp Ala Asn Ser Asp
1 5

<210> 1465

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-7 cell adhesion recognition sequence

<400> 1465

Lys Asp Ala Asn Ser Gly Asp
1 5

<210> 1466

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-7 cell adhesion recognition sequence

100666-1004

<400> 1466
Lys Ile Asp Ala Asn Asp
1 5

<210> 1467
<211> 7
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
cadherin-7 cell adhesion recognition sequence

<400> 1467
Lys Ile Asp Ala Asn Ser Asp
1 5

<210> 1468
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
cadherin-7 cell adhesion recognition sequence

<400> 1468
Lys Ile Asp Ala Asn Ser Gly Asp
1 5

<210> 1469
<211> 7
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
cadherin-7 cell adhesion recognition sequence

<400> 1469
Lys Asn Ile Asp Ala Asn Asp
1 5

<210> 1470
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
cadherin-7 cell adhesion recognition sequence

<400> 1470
Lys Asn Ile Asp Ala Asn Ser Asp
1 5

1466 1467 1468 1469 1470

<220>
<223> Representative cyclic modulating agent based on
cadherin-7 cell adhesion recognition sequence

<400> 1471

<210> · 1472

<220>

<400> 1472

<210> 1473

<220>

<400> 1473

<210> 1474

$\langle 220 \rangle$

<400> 1474

<210> 1475

$\langle 211 \rangle$ 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-7 cell adhesion recognition sequence

<400> 1475

Lys Tyr Phe Asn Ile Asp Ala Asn Asp
1 5

<210> 1476

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-7 cell adhesion recognition sequence

<400> 1476

Lys Tyr Phe Asn Ile Asp Ala Asn Ser Asp
1 5 10

<210> 1477

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-7 cell adhesion recognition sequence

<400> 1477

Lys Tyr Phe Asn Ile Asp Ala Asn Ser Gly Asp
1 5 10

<210> 1478

<211> 5

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-7 cell adhesion recognition sequence

<400> 1478

Asp Glu Pro Lys Lys
1 5

<210> 1479

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-7 cell adhesion recognition sequence

<400> 1479

Asp Glu Pro Lys Thr Lys
1 5

<210> 1480
<211> 7
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
cadherin-7 cell adhesion recognition sequence

<400> 1480

Asp Glu Pro Lys Thr Gly Lys
1 5

<210> 1481
<211> 6
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
cadherin-7 cell adhesion recognition sequence

<400> 1481

Asp Val Glu Pro Lys Lys
1 5

<210> 1482
<211> 7
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
cadherin-7 cell adhesion recognition sequence

<400> 1482

Asp Val Glu Pro Lys Thr Lys
1 5

<210> 1483
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
cadherin-7 cell adhesion recognition sequence

<400> 1483

Asp Val Glu Pro Lys Thr Gly Lys
1 5

<210> 1484
<211> 7

<212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 cadherin-7 cell adhesion recognition sequence

<400> 1484
 Asp Ser Val Glu Pro Lys Lys
 1 5

<210> 1485
 <211> 8
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 cadherin-7 cell adhesion recognition sequence

<400> 1485
 Asp Ser Val Glu Pro Lys Thr Lys
 1 5

<210> 1486
 <211> 9
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 cadherin-7 cell adhesion recognition sequence

<400> 1486
 Asp Ser Val Glu Pro Lys Thr Gly Lys
 1 5

<210> 1487
 <211> 8
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 cadherin-7 cell adhesion recognition sequence

<400> 1487
 Asp Phe Ser Val Glu Pro Lys Lys
 1 5

<210> 1488
 <211> 9
 <212> PRT
 <213> Artificial Sequence

<220>

1005690001

<223> Representative cyclic modulating agent based on
cadherin-7 cell adhesion recognition sequence

<400> 1488

Asp Phe Ser Val Glu Pro Lys Thr Lys
1 5

<210> 1489

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-7 cell adhesion recognition sequence

<400> 1489

Asp Phe Ser Val Glu Pro Lys Thr Gly Lys
1 5 10

<210> 1490

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-7 cell adhesion recognition sequence

<400> 1490

Asp Tyr Phe Ser Val Glu Pro Lys Lys
1 5

<210> 1491

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-7 cell adhesion recognition sequence

<400> 1491

Asp Tyr Phe Ser Val Glu Pro Lys Thr Lys
1 5 10

<210> 1492

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-7 cell adhesion recognition sequence

<400> 1492

Asp Tyr Phe Ser Val Glu Pro Lys Thr Gly Lys

| 1 | 5 | 10 |
|--|-------------------------|----|
| <210> 1493 | | |
| <211> 5 | | |
| <212> PRT | | |
| <213> Artificial Sequence | | |
| <220> | | |
| <223> Representative cyclic modulating agent based on cadherin-7 cell adhesion recognition sequence | | |
| <400> 1493 | | |
| Asp | Asp Ala Asn Lys | |
| 1 | 5 | |
| <210> 1494 | | |
| <211> 6 | | |
| <212> PRT | | |
| <213> Artificial Sequence | | |
| <220> | | |
| <223> Representative cyclic modulating agent based on cadherin-7 cell adhesion recognition sequence | | |
| <400> 1494 | | |
| Asp | Asp Ala Asn Ser Lys | |
| 1 | 5 | |
| <210> 1495 | | |
| <211> 7 | | |
| <212> PRT | | |
| <213> Artificial Sequence | | |
| <220> | | |
| <223> Representative cyclic modulating agent based on cadherin-7 cell adhesion recognition sequence | | |
| <400> 1495 | | |
| Asp | Asp Ala Asn Ser Gly Lys | |
| 1 | 5 | |
| <210> 1496 | | |
| <211> 6 | | |
| <212> PRT | | |
| <213> Artificial Sequence | | |
| <220> | | |
| <223> Representative cyclic modulating agent based on cadherin-7 cell adhesion recognition sequence | | |
| <400> 1496 | | |
| Asp | Ile Asp Ala Asn Lys | |
| 1 | 5 | |
| <210> 1497 | | |
| <211> 7 | | |
| <212> PRT | | |

<220>

<400> 1497

<210> 1498

<211> 8

<212> PRT

 $\langle 220 \rangle$

<400> 1498

<210> 1499

<211> 7

<212> PRT

 $\langle 220 \rangle$

<400> 1499

<210> 1500

<211> 8

<212> PRT

<220>

<400> 1500

<210> 1501

<211> 9

<212> PRT

<220>

<223> Representative cyclic modulating agent based on cadherin-7 cell adhesion recognition sequence

<210> 1506
 <211> 10
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 cadherin-7 cell adhesion recognition sequence

<400> 1506
 Asp Tyr Phe Asn Ile Asp Ala Asn Ser Lys
 1 5 10

<210> 1507
 <211> 11
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 cadherin-7 cell adhesion recognition sequence

<400> 1507
 Asp Tyr Phe Asn Ile Asp Ala Asn Ser Gly Lys
 1 5 10

<210> 1508
 <211> 5
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 cadherin-7 cell adhesion recognition sequence

<400> 1508
 Lys Asp Glu Asn Glu
 1 5

<210> 1509
 <211> 6
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 cadherin-7 cell adhesion recognition sequence

<400> 1509
 Lys Asp Glu Asn Thr Glu
 1 5

<210> 1510
 <211> 7
 <212> PRT
 <213> Artificial Sequence

400535007

<220>

<223> Representative cyclic modulating agent based on
cadherin-7 cell adhesion recognition sequence

<400> 1510

Lys Asp Glu Asn Thr Gly Glu
1 5

<210> 1511

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-7 cell adhesion recognition sequence

<400> 1511

Lys Ile Asp Glu Asn Glu
1 5

<210> 1512

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-7 cell adhesion recognition sequence

<400> 1512

Lys Ile Asp Glu Asn Thr Glu
1 5

<210> 1513

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-7 cell adhesion recognition sequence

<400> 1513

Lys Ile Asp Glu Asn Thr Gly Glu
1 5

<210> 1514

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-7 cell adhesion recognition sequence

<400> 1514

400 1510 1511 1512 1513 1514

```

<210> 1515
<211> 8
<212> PRT
<213> Artificial Sequence

```

<220>
<223> Representative cyclic modulating agent based on
cadherin-7 cell adhesion recognition sequence

<400> 1515

```
<210> 1516
<211> 9
<212> PRT
<213> Artificial Sequence
```

<220>
<223> Representative cyclic modulating agent based on
cadherin-7 cell adhesion recognition sequence

<400> 1516

```
<210> 1517
<211> 8
<212> PRT
<213> Artificial Sequence
```

<220>
<223> Representative cyclic modulating agent based on
cadherin-7 cell adhesion recognition sequence

<400> 1517

```
<210> 1518
<211> 9
<212> PRT
<213> Artificial Sequence
```

<220>
<223> Representative cyclic modulating agent based on
cadherin-7 cell adhesion recognition sequence

<400> 1518

<210> 1519
<211> 10

<212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 cadherin-7 cell adhesion recognition sequence

<400> 1519
 Lys Phe Ile Ile Asp Glu Asn Thr Gly Glu
 1 5 10

<210> 1520
 <211> 9
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 cadherin-7 cell adhesion recognition sequence

<400> 1520
 Lys Ile Phe Ile Ile Asp Glu Asn Glu
 1 5

<210> 1521
 <211> 10
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 cadherin-7 cell adhesion recognition sequence

<400> 1521
 Lys Ile Phe Ile Ile Asp Glu Asn Thr Glu
 1 5 10

<210> 1522
 <211> 11
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 cadherin-7 cell adhesion recognition sequence

<400> 1522
 Lys Ile Phe Ile Ile Asp Glu Asn Thr Gly Glu
 1 5 10

<210> 1523
 <211> 5
 <212> PRT
 <213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-7 cell adhesion recognition sequence

<400> 1523
Lys Glu Pro Lys Glu
1 5

<210> 1524
<211> 6
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
cadherin-7 cell adhesion recognition sequence

<400> 1524
Lys Glu Pro Lys Thr Glu
1 5

<210> 1525
<211> 7
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
cadherin-7 cell adhesion recognition sequence

<400> 1525
Lys Glu Pro Lys Thr Gly Glu
1 5

<210> 1526
<211> 6
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
cadherin-7 cell adhesion recognition sequence

<400> 1526
Lys Val Glu Pro Lys Glu
1 5

<210> 1527
<211> 7
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
cadherin-7 cell adhesion recognition sequence

<400> 1527
Lys Val Glu Pro Lys Thr Glu

1523 1524 1525 1526 1527

5

<220>
<223> Representative cyclic modulating agent based on
cadherin-7 cell adhesion recognition sequence

<220>
<223> Representative cyclic modulating agent based on
cadherin-7 cell adhesion recognition sequence

<220>
<223> Representative cyclic modulating agent based on
cadherin-7 cell adhesion recognition sequence

<220>
<223> Representative cyclic modulating agent based on
cadherin-7 cell adhesion recognition sequence

```
<210> 1532
<211> 8
<212> PRT
```

$\langle 220 \rangle$

<400> 1532

<210> 1533

<211> 9

<212> PRT

 $\langle 220 \rangle$

<400> 1533

<210> 1534

<211> 10

<212> PRT

<220>

<400> 1534

<210> 1535

<211> 9

<212> PRT

$\langle 220 \rangle$

<400> 1535

<210> 1536

<211> 10

<212> PRT

 $\langle 220 \rangle$

<223> Representative cyclic modulating agent based on cadherin-7 cell adhesion recognition sequence

<400> 1536
 Lys Tyr Phe Ser Val Glu Pro Lys Thr Glu
 1 5 10

<210> 1537
 <211> 11
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 cadherin-7 cell adhesion recognition sequence

<400> 1537
 Lys Tyr Phe Ser Val Glu Pro Lys Thr Gly Glu
 1 5 10

<210> 1538
 <211> 5
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 cadherin-7 cell adhesion recognition sequence

<400> 1538
 Lys Asp Ala Asn Glu
 1 5

<210> 1539
 <211> 6
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 cadherin-7 cell adhesion recognition sequence

<400> 1539
 Lys Asp Ala Asn Ser Glu
 1 5

<210> 1540
 <211> 7
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 cadherin-7 cell adhesion recognition sequence

<400> 1540
 Lys Asp Ala Asn Ser Gly Glu
 1 5

Sequence 1536-1540

<220>
<223> Representative cyclic modulating agent based on
cadherin-7 cell adhesion recognition sequence

<400> 1541

<220>
<223> Representative cyclic modulating agent based on
cadherin-7 cell adhesion recognition sequence

<400> 1542

<220>
<223> Representative cyclic modulating agent based on
cadherin-7 cell adhesion recognition sequence

<400> 1543

<220>
<223> Representative cyclic modulating agent based on
cadherin-7 cell adhesion recognition sequence

<400> 1544

```
<210> 1545
<211> 8
<212> PRT
<213> Artificial Sequence
```

<220>

<223> Representative cyclic modulating agent based on
cadherin-7 cell adhesion recognition sequence

<400> 1545

Lys Asn Ile Asp Ala Asn Ser Glu
1 5

<210> 1546

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-7 cell adhesion recognition sequence

<400> 1546

Lys Asn Ile Asp Ala Asn Ser Gly Glu
1 5

<210> 1547

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-7 cell adhesion recognition sequence

<400> 1547

Lys Phe Asn Ile Asp Ala Asn Glu
1 5

<210> 1548

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-7 cell adhesion recognition sequence

<400> 1548

Lys Phe Asn Ile Asp Ala Asn Ser Glu
1 5

<210> 1549

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-7 cell adhesion recognition sequence

<400> 1549

<210> 1550
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
cadherin-7 cell adhesion recognition sequence

```

<400> 1550
yr Phe Asn Ile Asp Ala Asn Glu
      5
<210> 1551
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
cadherin-7 cell adhesion recognition sequence

```

```

<400> 1551
yr Phe Asn Ile Asp Ala Asn Ser Glu
      5                               10

<210> 1552
<211> 11
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
      cadherin-7 cell adhesion recognition sequence

```

```

<400> 1552
vr Phe Asn Ile Asp Ala Asn Ser Gly Glu
      5                               10

<210> 1553
<211> 5
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
      cadherin-7 cell adhesion recognition sequence

```

```

<400> 1553
u Asn Thr

<210> 1554
<211> 5

```


<213> Artificial Sequence

<223> Representative cyclic modulating agent based on cadherin-7 cell adhesion recognition sequence

Ile Asp Glu Asn Thr
1 5

<211> 6

<213> Artificial Sequence

<223> Representative cyclic modulating agent based on
cadherin-7 cell adhesion recognition sequence

Ile Asp Glu Asn Thr Gly
1 5

<211> 5

<213> Artificial Sequence

<223> Representative cyclic modulating agent based on cadherin-7 cell adhesion recognition sequence

Ile Ile Asp Glu Asn
1 5

<211> 6

<213> Artificial Sequence

<223> Representative cyclic modulating agent based on
cadherin-7 cell adhesion recognition sequence

Ile Ile Asp Glu Asn Thr
1 5

<211> 7

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-7 cell adhesion recognition sequence

<400> 1558
Ile Ile Asp Glu Asn Thr Gly
1 5

<210> 1559
<211> 6
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
cadherin-7 cell adhesion recognition sequence

<400> 1559
Phe Ile Ile Asp Glu Asn
1 5

<210> 1560
<211> 7
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
cadherin-7 cell adhesion recognition sequence

<400> 1560
Phe Ile Ile Asp Glu Asn Thr
1 5

<210> 1561
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
cadherin-7 cell adhesion recognition sequence

<400> 1561
Phe Ile Ile Asp Glu Asn Thr Gly
1 5

<210> 1562
<211> 7
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
cadherin-7 cell adhesion recognition sequence

<400> 1562
Ile Phe Ile Ile Asp Glu Asn

400 1558 1559 1560 1561 1562

1 5

<210> 1563
 <211> 8
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 cadherin-7 cell adhesion recognition sequence

<400> 1563
 Ile Phe Ile Ile Asp Glu Asn Thr
 1 5

<210> 1564
 <211> 9
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 cadherin-7 cell adhesion recognition sequence

<400> 1564
 Ile Phe Ile Ile Asp Glu Asn Thr Gly
 1 5

<210> 1565
 <211> 5
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 cadherin-7 cell adhesion recognition sequence

<400> 1565
 Glu Pro Lys Thr Gly
 1 5

<210> 1566
 <211> 5
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 cadherin-7 cell adhesion recognition sequence

<400> 1566
 Val Glu Pro Lys Thr
 1 5

<210> 1567
 <211> 6
 <212> PRT

<220>

<400> 1567

<210> 1568

<211> 5

<212> PRT

$\langle 220 \rangle$

<400> 1568

<210> 1569

<211> 6

<212> PRT

$\langle 220 \rangle$

<400> 1569

<210> 1570

<211> 7

<212> PRT

<220>

<400> 1570

<210> 1571

<211> 6

<212> PRT

<220>

<223> Representative cyclic modulating agent based on cadherin-7 cell adhesion recognition sequence

<400> 1571
Phe Ser Val Glu Pro Lys
1 5

<210> 1572
<211> 7
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
cadherin-7 cell adhesion recognition sequence

<400> 1572
Phe Ser Val Glu Pro Lys Thr
1 5

<210> 1573
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
cadherin-7 cell adhesion recognition sequence

<400> 1573
Phe Ser Val Glu Pro Lys Thr Gly
1 5

<210> 1574
<211> 7
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
cadherin-7 cell adhesion recognition sequence

<400> 1574
Tyr Phe Ser Val Glu Pro Lys
1 5

<210> 1575
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
cadherin-7 cell adhesion recognition sequence

<400> 1575
Tyr Phe Ser Val Glu Pro Lys Thr
1 5

<210> 1576
 <211> 9
 <212> PRT
 <213> Artificial Sequence

 <220>
 <223> Representative cyclic modulating agent based on
 cadherin-7 cell adhesion recognition sequence

 <400> 1576
 Tyr Phe Ser Val Glu Pro Lys Thr Gly
 1 5

 <210> 1577
 <211> 5
 <212> PRT
 <213> Artificial Sequence

 <220>
 <223> Representative cyclic modulating agent based on
 cadherin-7 cell adhesion recognition sequence

 <400> 1577
 Asp Ala Asn Ser Gly
 1 5

 <210> 1578
 <211> 5
 <212> PRT
 <213> Artificial Sequence

 <220>
 <223> Representative cyclic modulating agent based on
 cadherin-7 cell adhesion recognition sequence

 <400> 1578
 Ile Asp Ala Asn Ser
 1 5

 <210> 1579
 <211> 6
 <212> PRT
 <213> Artificial Sequence

 <220>
 <223> Representative cyclic modulating agent based on
 cadherin-7 cell adhesion recognition sequence

 <400> 1579
 Ile Asp Ala Asn Ser Gly
 1 5

 <210> 1580
 <211> 5
 <212> PRT
 <213> Artificial Sequence

<223> Representative cyclic modulating agent based on cadherin-7 cell adhesion recognition sequence

Asn Ile Asp Ala Asn
1 5

<213> Artificial Sequence

<223> Representative cyclic modulating agent based on cadherin-7 cell adhesion recognition sequence

Asn Ile Asp Ala Asn Ser
1 5

<213> Artificial Sequence

<223> Representative cyclic modulating agent based on cadherin-7 cell adhesion recognition sequence

Asn Ile Asp Ala Asn Ser Gly
1 5

<213> Artificial Sequence

<223> Representative cyclic modulating agent based on cadherin-7 cell adhesion recognition sequence

Phe Asn Ile Asp Ala Asn
1 5

<213> Artificial Sequence

<223> Representative cyclic modulating agent based on cadherin-7 cell adhesion recognition sequence

<400> 1584

Phe Asn Ile Asp Ala Asn Ser
1 5

<210> 1585
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
cadherin-7 cell adhesion recognition sequence

<400> 1585

Phe Asn Ile Asp Ala Asn Ser Gly
1 5

<210> 1586
<211> 7
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
cadherin-7 cell adhesion recognition sequence

<400> 1586

Tyr Phe Asn Ile Asp Ala Asn
1 5

<210> 1587
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
cadherin-7 cell adhesion recognition sequence

<400> 1587

Tyr Phe Asn Ile Asp Ala Asn Ser
1 5

<210> 1588
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
cadherin-7 cell adhesion recognition sequence

<400> 1588

Tyr Phe Asn Ile Asp Ala Asn Ser Gly
1 5

<210> 1589
<211> 5

1585 1586 1587 1588 1589

<213> Artificial Sequence

<223> Representative cyclic modulating agent based on
cadherin-8 cell adhesion recognition sequence

Cys Asn Asp Val Cys
1 5

$\langle 211 \rangle$ 6

<213> Artificial Sequence

<223> Representative cyclic modulating agent based on cadherin-8 cell adhesion recognition sequence

Cys Ile Asn Asp Val Cys
1 5

 $\langle 211 \rangle$ 6

<213> Artificial Sequence

<223> Representative cyclic modulating agent based on cadherin-8 cell adhesion recognition sequence

Cys Asn Asp Val Thr Cys
1 5

$\langle 211 \rangle$ 7

<213> Artificial Sequence

<223> Representative cyclic modulating agent based on cadherin-8 cell adhesion recognition sequence

Cys Gln Ile Asn Asp Val Cys
1 5

<211> 7

<213> Artificial Sequence

<220>

<400> 1593
Cys Ile Asn Asp Val Thr Cys
1 5

```
<210> 1594
<211> 8
<212> PRT
<213> Artificial Sequence
```

<220>
<223> Representative cyclic modulating agent based on
cadherin-8 cell adhesion recognition sequence

<400> 1594
Cys Gln Ile Asn Asp Val Thr Cys
1 5

```
<210> 1595
<211> 7
<212> PRT
<213> Artificial Sequence
```

<220>
<223> Representative cyclic modulating agent based on
cadherin-8 cell adhesion recognition sequence

<400> 1595
Cys Asn Asp Val Thr Gly Cys
1 5

```
<210> 1596
<211> 8
<212> PRT
<213> Artificial Sequence
```

<220>
<223> Representative cyclic modulating agent based on
cadherin-8 cell adhesion recognition sequence

<400> 1596
Cys Ile Asn Asp Val Thr Gly Cys
1 5

```
<210> 1597
<211> 9
<212> PRT
<213> Artificial Sequence
```

<220>
<223> Representative cyclic modulating agent based on
cadherin-8 cell adhesion recognition sequence

<400> 1597
Cys Gln Ile Asn Asp Val Thr Gly Cys

5

<220>
<223> Representative cyclic modulating agent based on
cadherin-8 cell adhesion recognition sequence

<220>
<223> Representative cyclic modulating agent based on
cadherin-8 cell adhesion recognition sequence

<220>
<223> Representative cyclic modulating agent based on
cadherin-8 cell adhesion recognition sequence

<220>
<223> Representative cyclic modulating agent based on
cadherin-8 cell adhesion recognition sequence

```
<210> 1602
<211> 10
<212> PRT
```


<400> 1606

<211> 8

<212> PRT

<213> Artificial Sequence

 $\langle 220 \rangle$

<223> Representative cyclic modulating agent based on cadherin-8 cell adhesion recognition sequence

<400> 1607

<210> 1608

<211> 9

<212> PRT

<213> Artificial Sequence

 $\langle 220 \rangle$

<223> Representative cyclic modulating agent based on cadherin-8 cell adhesion recognition sequence

<400> 1608

<210> 1609

$\langle 211 \rangle$ 5

<212> PRT

<213> Artificial Sequence

 $\langle 220 \rangle$

<223> Representative cyclic modulating agent based on cadherin-8 cell adhesion recognition sequence

<400> 1609

$\langle 210 \rangle$ 1610

<211> 6

<212> PRT

<213> Artificial Sequence

 $\langle 220 \rangle$

<223> Representative cyclic modulating agent based on cadherin-8 cell adhesion recognition sequence

<400> 1610

<210> 1611
 <211> 7
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 cadherin-8 cell adhesion recognition sequence

<400> 1611
 Glu Gln Ile Asn Asp Val Lys
 1 5

<210> 1612
 <211> 8
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 cadherin-8 cell adhesion recognition sequence

<400> 1612
 Glu Phe Gln Ile Asn Asp Val Lys
 1 5

<210> 1613
 <211> 9
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 cadherin-8 cell adhesion recognition sequence

<400> 1613
 Glu Ile Phe Gln Ile Asn Asp Val Lys
 1 5

<210> 1614
 <211> 5
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 cadherin-8 cell adhesion recognition sequence

<400> 1614
 Lys Asn Asp Val Asp
 1 5

<210> 1615
 <211> 6
 <212> PRT
 <213> Artificial Sequence

1611 1612 1613 1614 1615

<223> Representative cyclic modulating agent based on cadherin-8 cell adhesion recognition sequence

<400> 1615

<210> 1616

<211> 6

<212> PRT

<213> Artificial Sequence

<223> Representative cyclic modulating agent based on cadherin-8 cell adhesion recognition sequence

<400> 1616

<210> 1617

$\langle 211 \rangle$ 7

<212> PRT

<213> Artificial Sequence

<223> Representative cyclic modulating agent based on cadherin-8 cell adhesion recognition sequence

<400> 1617

<210> 1618

$\langle 211 \rangle$ 7

<212> PRT

<213> Artificial Sequence

<223> Representative cyclic modulating agent based on cadherin-8 cell adhesion recognition sequence

<400> 1618

<210> 1619

<211> 8

<212> PRT

<213> Artificial Sequence

<223> Representative cyclic modulating agent based on cadherin-8 cell adhesion recognition sequence

<400> 1619

Lys Gln Ile Asn Asp Val Thr Asp
1 5

<210> 1620
<211> 7
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
cadherin-8 cell adhesion recognition sequence

<400> 1620

Lys Asn Asp Val Thr Gly Asp
1 5

<210> 1621
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
cadherin-8 cell adhesion recognition sequence

<400> 1621

Lys Ile Asn Asp Val Thr Gly Asp
1 5

<210> 1622
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
cadherin-8 cell adhesion recognition sequence

<400> 1622

Lys Gln Ile Asn Asp Val Thr Gly Asp
1 5

<210> 1623
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
cadherin-8 cell adhesion recognition sequence

<400> 1623

Lys Phe Gln Ile Asn Asp Val Asp
1 5

<210> 1624
<211> 9

1000666 12004

<212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 cadherin-8 cell adhesion recognition sequence

<400> 1624
 Lys Phe Gln Ile Asn Asp Val Thr Asp
 1 5

<210> 1625
 <211> 10
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 cadherin-8 cell adhesion recognition sequence

<400> 1625
 Lys Phe Gln Ile Asn Asp Val Thr Gly Asp
 1 5 10

<210> 1626
 <211> 9
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 cadherin-8 cell adhesion recognition sequence

<400> 1626
 Lys Ile Phe Gln Ile Asn Asp Val Asp
 1 5

<210> 1627
 <211> 10
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 cadherin-8 cell adhesion recognition sequence

<400> 1627
 Lys Ile Phe Gln Ile Asn Asp Val Thr Asp
 1 5 10

<210> 1628
 <211> 11
 <212> PRT
 <213> Artificial Sequence

<220>

4-43444-6-330004

<223> Representative cyclic modulating agent based on
cadherin-8 cell adhesion recognition sequence

<400> 1628
Lys Ile Phe Gln Ile Asn Asp Val Thr Gly Asp
1 5 10

<210> 1629
<211> 5
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
cadherin-8 cell adhesion recognition sequence

<400> 1629
Val Asn Asp Val Thr
1 5

<210> 1630
<211> 5
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
cadherin-8 cell adhesion recognition sequence

<400> 1630
Ile Asn Asp Val Thr
1 5

<210> 1631
<211> 6
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
cadherin-8 cell adhesion recognition sequence

<400> 1631
Gln Ile Asn Asp Val Thr
1 5

<210> 1632
<211> 5
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
cadherin-8 cell adhesion recognition sequence

<400> 1632
Asn Asp Val Thr Gly

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-8 cell adhesion recognition sequence

<400> 1637

Lys Gln Ile Asn Asp Val Glu
1 5

<210> 1638

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-8 cell adhesion recognition sequence

<400> 1638

Lys Ile Asn Asp Val Thr Glu
1 5

<210> 1639

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-8 cell adhesion recognition sequence

<400> 1639

Lys Gln Ile Asn Asp Val Thr Glu
1 5

<210> 1640

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-8 cell adhesion recognition sequence

<400> 1640

Lys Asn Asp Val Thr Gly Glu
1 5

<210> 1641

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-8 cell adhesion recognition sequence

100584-100584

<210> 1646
 <211> 9
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 cadherin-8 cell adhesion recognition sequence

<400> 1646
 Lys Ile Phe Gln Ile Asn Asp Val Glu
 1 5

<210> 1647
 <211> 10
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 cadherin-8 cell adhesion recognition sequence

<400> 1647
 Lys Ile Phe Gln Ile Asn Asp Val Thr Glu
 1 5 10

<210> 1648
 <211> 11
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 cadherin-8 cell adhesion recognition sequence

<400> 1648
 Lys Ile Phe Gln Ile Asn Asp Val Thr Gly Glu
 1 5 10

<210> 1649
 <211> 5
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 cadherin-8 cell adhesion recognition sequence

<400> 1649
 Cys Glu Glu Phe Cys
 1 5

<210> 1650
 <211> 6
 <212> PRT
 <213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-8 cell adhesion recognition sequence

<400> 1650

Cys Glu Glu Phe Ser Cys
1 5

<210> 1651

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-8 cell adhesion recognition sequence

<400> 1651

Cys Glu Glu Phe Ser Gly Cys
1 5

<210> 1652

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-8 cell adhesion recognition sequence

<400> 1652

Cys Leu Glu Glu Phe Cys
1 5

<210> 1653

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-8 cell adhesion recognition sequence

<400> 1653

Cys Leu Glu Glu Phe Ser Cys
1 5

<210> 1654

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-8 cell adhesion recognition sequence

<400> 1654

Foot 6995007

Cys Leu Glu Glu Phe Ser Gly Cys
1 5

<210> 1655
<211> 7
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
cadherin-8 cell adhesion recognition sequence

<400> 1655

Cys Val Leu Glu Glu Phe Cys
1 5

<210> 1656
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
cadherin-8 cell adhesion recognition sequence

<400> 1656

Cys Val Leu Glu Glu Phe Ser Cys
1 5

<210> 1657
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
cadherin-8 cell adhesion recognition sequence

<400> 1657

Cys Val Leu Glu Glu Phe Ser Gly Cys
1 5

<210> 1658
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
cadherin-8 cell adhesion recognition sequence

<400> 1658

Cys Phe Val Leu Glu Phe Cys
1 5

<210> 1659
<211> 9

40021655

<212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 cadherin-8 cell adhesion recognition sequence

<400> 1659
 Cys Phe Val Leu Glu Glu Phe Ser Cys
 1 5

<210> 1660
 <211> 10
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 cadherin-8 cell adhesion recognition sequence

<400> 1660
 Cys Phe Val Leu Glu Glu Phe Ser Gly Cys
 1 5 10

<210> 1661
 <211> 9
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 cadherin-8 cell adhesion recognition sequence

<400> 1661
 Cys Met Phe Val Leu Glu Glu Phe Cys
 1 5

<210> 1662
 <211> 10
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 cadherin-8 cell adhesion recognition sequence

<400> 1662
 Cys Met Phe Val Leu Glu Glu Phe Ser Cys
 1 5 10

<210> 1663
 <211> 11
 <212> PRT
 <213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-8 cell adhesion recognition sequence

<400> 1663

Cys Met Phe Val Leu Glu Glu Phe Ser Gly Cys
1 5 10

<210> 1664

<211> 5

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-8 cell adhesion recognition sequence

<400> 1664

Glu Glu Glu Phe Lys
1 5

<210> 1665

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-8 cell adhesion recognition sequence

<400> 1665

Glu Glu Glu Phe Ser Lys
1 5

<210> 1666

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-8 cell adhesion recognition sequence

<400> 1666

Glu Glu Glu Phe Ser Gly Lys
1 5

<210> 1667

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-8 cell adhesion recognition sequence

<400> 1667

Glu Leu Glu Glu Phe Lys

1 5

<210> 1668
 <211> 7
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 cadherin-8 cell adhesion recognition sequence

<400> 1668
 Glu Leu Glu Glu Phe Ser Lys
 1 5

<210> 1669
 <211> 8
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 cadherin-8 cell adhesion recognition sequence

<400> 1669
 Glu Leu Glu Glu Phe Ser Gly Lys
 1 5

<210> 1670
 <211> 7
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 cadherin-8 cell adhesion recognition sequence

<400> 1670
 Glu Val Leu Glu Glu Phe Lys
 1 5

<210> 1671
 <211> 8
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 cadherin-8 cell adhesion recognition sequence

<400> 1671
 Glu Val Leu Glu Glu Phe Ser Lys
 1 5

<210> 1672
 <211> 9
 <212> PRT

4006264204

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-8 cell adhesion recognition sequence

<400> 1672

Glu Val Leu Glu Glu Phe Ser Gly Lys
1 5

<210> 1673

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-8 cell adhesion recognition sequence

<400> 1673

Glu Phe Val Leu Glu Glu Phe Lys
1 5

<210> 1674

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-8 cell adhesion recognition sequence

<400> 1674

Glu Phe Val Leu Glu Glu Phe Ser Lys
1 5

<210> 1675

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-8 cell adhesion recognition sequence

<400> 1675

Glu Phe Val Leu Glu Glu Phe Ser Gly Lys
1 5 10

<210> 1676

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-8 cell adhesion recognition sequence

1672-1676

<400> 1676
 Glu Met Phe Val Leu Glu Glu Phe Lys
 1 5

<210> 1677
 <211> 10
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 cadherin-8 cell adhesion recognition sequence

<400> 1677
 Glu Met Phe Val Leu Glu Glu Phe Ser Lys
 1 5 10

<210> 1678
 <211> 11
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 cadherin-8 cell adhesion recognition sequence

<400> 1678
 Glu Met Phe Val Leu Glu Glu Phe Ser Gly Lys
 1 5 10

<210> 1679
 <211> 5
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 cadherin-8 cell adhesion recognition sequence

<400> 1679
 Lys Glu Glu Phe Asp
 1 5

<210> 1680
 <211> 6
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 cadherin-8 cell adhesion recognition sequence

<400> 1680
 Lys Glu Glu Phe Ser Asp
 1 5

<223> Representative cyclic modulating agent based on
cadherin-8 cell adhesion recognition sequence

<400> 1698

Asp Leu Glu Glu Phe Ser Lys
1 5

<210> 1699

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-8 cell adhesion recognition sequence

<400> 1699

Asp Leu Glu Glu Phe Ser Gly Lys
1 5

<210> 1700

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-8 cell adhesion recognition sequence

<400> 1700

Asp Val Leu Glu Glu Phe Lys
1 5

<210> 1701

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-8 cell adhesion recognition sequence

<400> 1701

Asp Val Leu Glu Glu Phe Ser Lys
1 5

<210> 1702

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-8 cell adhesion recognition sequence

<400> 1702

Asp Val Leu Glu Glu Phe Ser Gly Lys

1

5

<210> 1703
 <211> 8
 <212> PRT
 <213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
 cadherin-8 cell adhesion recognition sequence

<400> 1703

Asp Phe Val Leu Glu Glu Phe Lys

1

5

<210> 1704
 <211> 9
 <212> PRT
 <213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
 cadherin-8 cell adhesion recognition sequence

<400> 1704

Asp Phe Val Leu Glu Glu Phe Ser Lys

1

5

<210> 1705
 <211> 10
 <212> PRT
 <213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
 cadherin-8 cell adhesion recognition sequence

<400> 1705

Asp Phe Val Leu Glu Glu Phe Ser Gly Lys

1

5

10

<210> 1706
 <211> 9
 <212> PRT
 <213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
 cadherin-8 cell adhesion recognition sequence

<400> 1706

Asp Met Phe Val Leu Glu Glu Phe Lys

1

5

<210> 1707
 <211> 10
 <212> PRT

405 1 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75 80 85 90 95 100 105 110 115 120 125 130 135 140 145 150 155 160 165 170 175 180 185 190 195 200 205 210 215 220 225 230 235 240 245 250 255 260 265 270 275 280 285 290 295 300 305 310 315 320 325 330 335 340 345 350 355 360 365 370 375 380 385 390 395 400 405 410 415 420 425 430 435 440 445 450 455 460 465 470 475 480 485 490 495 500 505 510 515 520 525 530 535 540 545 550 555 560 565 570 575 580 585 590 595 600 605 610 615 620 625 630 635 640 645 650 655 660 665 670 675 680 685 690 695 700 705 710 715 720 725 730 735 740 745 750 755 760 765 770 775 780 785 790 795 800 805 810 815 820 825 830 835 840 845 850 855 860 865 870 875 880 885 890 895 900 905 910 915 920 925 930 935 940 945 950 955 960 965 970 975 980 985 990 995

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-8 cell adhesion recognition sequence

<400> 1707

| | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Asp | Met | Phe | Val | Leu | Glu | Glu | Phe | Ser | Lys |
| 1 | | | | 5 | | | | | 10 |

<210> 1708

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-8 cell adhesion recognition sequence

<400> 1708

| | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Asp | Met | Phe | Val | Leu | Glu | Glu | Phe | Ser | Gly | Lys |
| 1 | | | | 5 | | | | | | 10 |

<210> 1709

<211> 5

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-8 cell adhesion recognition sequence

<400> 1709

| | | | | |
|-----|-----|-----|-----|-----|
| Lys | Glu | Glu | Phe | Glu |
| 1 | | | | 5 |

<210> 1710

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-8 cell adhesion recognition sequence

<400> 1710

| | | | | | |
|-----|-----|-----|-----|-----|-----|
| Lys | Glu | Glu | Phe | Ser | Glu |
| 1 | | | | 5 | |

<210> 1711

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-8 cell adhesion recognition sequence

40059001 40059001 40059001

<400> 1711
Lys Glu Glu Phe Ser Gly Glu
1 5

<210> 1712
<211> 6
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
cadherin-8 cell adhesion recognition sequence

<400> 1712
Lys Leu Glu Glu Phe Glu
1 5

<210> 1713
<211> 7
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
cadherin-8 cell adhesion recognition sequence

<400> 1713
Lys Leu Glu Glu Phe Ser Glu
1 5

<210> 1714
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
cadherin-8 cell adhesion recognition sequence

<400> 1714
Lys Leu Glu Glu Phe Ser Gly Glu
1 5

<210> 1715
<211> 7
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
cadherin-8 cell adhesion recognition sequence

<400> 1715
Lys Val Leu Glu Glu Phe Glu
1 5

<220>

<223> Representative cyclic modulating agent based on
cadherin-8 cell adhesion recognition sequence

<400> 1720

Lys Phe Val Leu Glu Glu Phe Ser Gly Glu
1 5 10

<210> 1721

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-8 cell adhesion recognition sequence

<400> 1721

Lys Met Phe Val Leu Glu Glu Phe Glu
1 5

<210> 1722

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-8 cell adhesion recognition sequence

<400> 1722

Lys Met Phe Val Leu Glu Glu Phe Ser Glu
1 5 10

<210> 1723

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-8 cell adhesion recognition sequence

<400> 1723

Lys Met Phe Val Leu Glu Glu Phe Ser Gly Glu
1 5 10

<210> 1724

<211> 5

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-8 cell adhesion recognition sequence

<400> 1724

TOE02T 69900T

<400> 1746
 Cys Phe Thr Ile Asp Glu Thr Thr Cys
 1 5

<210> 1747
 <211> 10
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 cadherin-12 cell adhesion recognition sequence

<400> 1747
 Cys Phe Thr Ile Asp Glu Thr Thr Gly Cys
 1 5 10

<210> 1748
 <211> 9
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 cadherin-12 cell adhesion recognition sequence

<400> 1748
 Cys Val Phe Thr Ile Asp Glu Thr Cys
 1 5

<210> 1749
 <211> 10
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 cadherin-12 cell adhesion recognition sequence

<400> 1749
 Cys Val Phe Thr Ile Asp Glu Thr Thr Cys
 1 5 10

<210> 1750
 <211> 11
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 cadherin-12 cell adhesion recognition sequence

<400> 1750
 Cys Val Phe Thr Ile Asp Glu Thr Thr Gly Cys
 1 5 10

Patent 6329004

Glu Thr Ile Asp Glu Thr Lys
1 5

<210> 1760
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
cadherin-12 cell adhesion recognition sequence

<400> 1760

Glu Phe Thr Ile Asp Glu Thr Lys
1 5

<210> 1761
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
cadherin-12 cell adhesion recognition sequence

<400> 1761

Glu Val Phe Thr Ile Asp Glu Thr Lys
1 5

<210> 1762
<211> 5
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
cadherin-12 cell adhesion recognition sequence

<400> 1762

Lys Asp Glu Thr Asp
1 5

<210> 1763
<211> 6
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
cadherin-12 cell adhesion recognition sequence

<400> 1763

Lys Ile Asp Glu Thr Asp
1 5

<210> 1764
<211> 6

418-419-420-421-422-423-424-425-426-427-428-429-430-431-432-433-434-435-436-437-438-439-440-441-442-443-444-445-446-447-448-449-450-451-452-453-454-455-456-457-458-459-460-461-462-463-464-465-466-467-468-469-470-471-472-473-474-475-476-477-478-479-480-481-482-483-484-485-486-487-488-489-490-491-492-493-494-495-496-497-498-499-500-501-502-503-504-505-506-507-508-509-510-511-512-513-514-515-516-517-518-519-520-521-522-523-524-525-526-527-528-529-530-531-532-533-534-535-536-537-538-539-540-541-542-543-544-545-546-547-548-549-550-551-552-553-554-555-556-557-558-559-560-561-562-563-564-565-566-567-568-569-570-571-572-573-574-575-576-577-578-579-580-581-582-583-584-585-586-587-588-589-590-591-592-593-594-595-596-597-598-599-600-601-602-603-604-605-606-607-608-609-610-611-612-613-614-615-616-617-618-619-620-621-622-623-624-625-626-627-628-629-630-631-632-633-634-635-636-637-638-639-640-641-642-643-644-645-646-647-648-649-650-651-652-653-654-655-656-657-658-659-660-661-662-663-664-665-666-667-668-669-670-671-672-673-674-675-676-677-678-679-680-681-682-683-684-685-686-687-688-689-690-691-692-693-694-695-696-697-698-699-700-701-702-703-704-705-706-707-708-709-710-711-712-713-714-715-716-717-718-719-720-721-722-723-724-725-726-727-728-729-730-731-732-733-734-735-736-737-738-739-740-741-742-743-744-745-746-747-748-749-750-751-752-753-754-755-756-757-758-759-760-761-762-763-764-765-766-767-768-769-770-771-772-773-774-775-776-777-778-779-780-781-782-783-784-785-786-787-788-789-790-791-792-793-794-795-796-797-798-799-800-801-802-803-804-805-806-807-808-809-810-811-812-813-814-815-816-817-818-819-820-821-822-823-824-825-826-827-828-829-830-831-832-833-834-835-836-837-838-839-840-841-842-843-844-845-846-847-848-849-850-851-852-853-854-855-856-857-858-859-860-861-862-863-864-865-866-867-868-869-870-871-872-873-874-875-876-877-878-879-880-881-882-883-884-885-886-887-888-889-890-891-892-893-894-895-896-897-898-899-900-901-902-903-904-905-906-907-908-909-910-911-912-913-914-915-916-917-918-919-920-921-922-923-924-925-926-927-928-929-930-931-932-933-934-935-936-937-938-939-940-941-942-943-944-945-946-947-948-949-950-951-952-953-954-955-956-957-958-959-960-961-962-963-964-965-966-967-968-969-970-971-972-973-974-975-976-977-978-979-980-981-982-983-984-985-986-987-988-989-990-991-992-993-994-995-996-997-998-999-1000

<213> Artificial Sequence

<223> Representative cyclic modulating agent based on
cadherin-12 cell adhesion recognition sequence

Lys Asp Glu Thr Thr Asp
1 5

$\langle 211 \rangle$ 7

<213> Artificial Sequence

<223> Representative cyclic modulating agent based on cadherin-12 cell adhesion recognition sequence

Lys Thr Ile Asp Glu Thr Asp
1 5

$\langle 211 \rangle$ 7

<213> Artificial Sequence

<223> Representative cyclic modulating agent based on
cadherin-12 cell adhesion recognition sequence

Lys Ile Asp Glu Thr Thr Asp
1 5

<211> 8

<213> Artificial Sequence

<223> Representative cyclic modulating agent based on cadherin-12 cell adhesion recognition sequence

Lys Thr Ile Asp Glu Thr Thr Asp
1 5

<211> 7

<213> Artificial Sequence

$\langle 220 \rangle$

<400> 1768
 Lys Asp Glu Thr Thr Gly Asp
 1 5

```
<210> 1769
<211> 8
<212> PRT
<213> Artificial Sequence
```

<220>
<223> Representative cyclic modulating agent based on
cadherin-12 cell adhesion recognition sequence

<400> 1769
Lys Ile Asp Glu Thr Thr Gly Asp
1 5

```
<210> 1770
<211> 9
<212> PRT
<213> Artificial Sequence
```

<220>
<223> Representative cyclic modulating agent based on
cadherin-12 cell adhesion recognition sequence

<400> 1770
Lys Thr Ile Asp Glu Thr Thr Gly Asp
1 5

```
<210> 1771
<211> 8
<212> PRT
<213> Artificial Sequence
```

<220>
<223> Representative cyclic modulating agent based on
cadherin-12 cell adhesion recognition sequence

```

      <400> 1771
Lys Phe Thr Ile Asp Glu Thr Asp
 1                               5

```

```
<210> 1772
<211> 9
<212> PRT
<213> Artificial Sequence
```

<220>
<223> Representative cyclic modulating agent based on
cadherin-12 cell adhesion recognition sequence

<400> 1772
Lys Phe Thr Ile Asp Glu Thr Thr Asp

| 1970 | 1971 | 1972 | 1973 | 1974 | 1975 | 1976 | 1977 | 1978 | 1979 | 1980 | 1981 | 1982 | 1983 | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024 | 2025 | 2026 | 2027 | 2028 | 2029 | 2030 | 2031 | 2032 | 2033 | 2034 | 2035 | 2036 | 2037 | 2038 | 2039 | 2040 | 2041 | 2042 | 2043 | 2044 | 2045 | 2046 | 2047 | 2048 | 2049 | 2050 | 2051 | 2052 | 2053 | 2054 | 2055 | 2056 | 2057 | 2058 | 2059 | 2060 | 2061 | 2062 | 2063 | 2064 | 2065 | 2066 | 2067 | 2068 | 2069 | 2070 | 2071 | 2072 | 2073 | 2074 | 2075 | 2076 | 2077 | 2078 | 2079 | 2080 | 2081 | 2082 | 2083 | 2084 | 2085 | 2086 | 2087 | 2088 | 2089 | 2090 | 2091 | 2092 | 2093 | 2094 | 2095 | 2096 | 2097 | 2098 | 2099 | 2100 |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 1970 | 1971 | 1972 | 1973 | 1974 | 1975 | 1976 | 1977 | 1978 | 1979 | 1980 | 1981 | 1982 | 1983 | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024 | 2025 | 2026 | 2027 | 2028 | 2029 | 2030 | 2031 | 2032 | 2033 | 2034 | 2035 | 2036 | 2037 | 2038 | 2039 | 2040 | 2041 | 2042 | 2043 | 2044 | 2045 | 2046 | 2047 | 2048 | 2049 | 2050 | 2051 | 2052 | 2053 | 2054 | 2055 | 2056 | 2057 | 2058 | 2059 | 2060 | 2061 | 2062 | 2063 | 2064 | 2065 | 2066 | 2067 | 2068 | 2069 | 2070 | 2071 | 2072 | 2073 | 2074 | 2075 | 2076 | 2077 | 2078 | 2079 | 2080 | 2081 | 2082 | 2083 | 2084 | 2085 | 2086 | 2087 | 2088 | 2089 | 2090 | 2091 | 2092 | 2093 | 2094 | 2095 | 2096 | 2097 | 2098 | 2099 | 2100 |

5

<220>
<223> Representative cyclic modulating agent based on
cadherin-12 cell adhesion recognition sequence

```

<400> 1773
ne Thr Ile Asp Glu Thr Thr Gly Asp
           5                      10

<210> 1774
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
cadherin-12 cell adhesion recognition sequence

```

```

<400> 1774
al Phe Thr Ile Asp Glu Thr Asp
      5
<210> 1775
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
cadherin-12 cell adhesion recognition sequence

```

```

<400> 1775
al Phe Thr Ile Asp Glu Thr Thr Asp
      5                               10

<210> 1776
<211> 11
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
cadherin-12 cell adhesion recognition sequence

```

```

<400> 1776
Al Phe Thr Ile Asp Glu Thr Thr Gly Asp
          5                      10

<210> 1777
<211> 7
<212> PRT

```

<220>

<400> 1777

<210> 1778

<211> 5

<212> PRT

 $\langle 220 \rangle$

<400> 1778

<210> 1779

<211> 6

<212> PRT

 $\langle 220 \rangle$

<400> 1779

<210> 1780

 $\langle 211 \rangle$ 5

<212> PRT

<220>

<400> 1780

<210> 1781

<211> 6

<212> PRT

<220>

<223> Representative cyclic modulating agent based on
cadherin-12 cell adhesion recognition sequence

<400> 1781
Ile Asp Glu Thr Thr Gly
1 5

<210> 1782
<211> 5
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
cadherin-12 cell adhesion recognition sequence

<400> 1782
Lys Asp Glu Thr Glu
1 5

<210> 1783
<211> 6
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
cadherin-12 cell adhesion recognition sequence

<400> 1783
Lys Ile Asp Glu Thr Glu
1 5

<210> 1784
<211> 6
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
cadherin-12 cell adhesion recognition sequence

<400> 1784
Lys Asp Glu Thr Thr Glu
1 5

<210> 1785
<211> 7
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
cadherin-12 cell adhesion recognition sequence

<400> 1785
Lys Thr Ile Asp Glu Thr Glu
1 5

400 1781 1782 1783 1784 1785

<211> 7

<213> Art:

 $\langle 220 \rangle$

<223> Representative cyclic modulating agent based on
cadherin-12 cell adhesion recognition sequence

Lys Ile Asp Glu Thr Thr Glu
1 5

<211> 8

<212> PRT

<213> Artificial Sequence

$\langle 220 \rangle$

<223> Representative cyclic modulating agent based on cadherin-12 cell adhesion recognition sequence

Lys Thr Ile Asp Glu Thr Thr Glu
1 5

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on cadherin-12 cell adhesion recognition sequence

Lys Asp Glu Thr Thr Gly Glu
1 5

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on cadherin-12 cell adhesion recognition sequence

Lys Ile Asp Glu Thr Thr Gly Glu
1 5

<211> 9

<212> PRT

<213> Artificial Sequence

<223> Representative cyclic modulating agent based on cadherin-12 cell adhesion recognition sequence

Lys Thr Ile Asp Glu Thr Thr Gly Glu
1 5

<213> Artificial Sequence

<223> Representative cyclic modulating agent based on cadherin-12 cell adhesion recognition sequence

Lys Phe Thr Ile Asp Glu Thr Glu
1 5

<213> Artificial Sequence

<223> Representative cyclic modulating agent based on cadherin-12 cell adhesion recognition sequence

Lys Phe Thr Ile Asp Glu Thr Thr Glu
1 5

<213> Artificial Sequence

<223> Representative cyclic modulating agent based on cadherin-12 cell adhesion recognition sequence

Lys Phe Thr Ile Asp Glu Thr Thr Gly Glu
1 5 10

<213> Artificial Sequence

<223> Representative cyclic modulating agent based on cadherin-12 cell adhesion recognition sequence

<400> 1794

Lys Val Phe Thr Ile Asp Glu Thr Glu
1 5

<210> 1795
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
cadherin-12 cell adhesion recognition sequence

<400> 1795

Lys Ile Phe Thr Ile Asp Glu Thr Thr Glu
1 5 10

<210> 1796
<211> 11
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
cadherin-12 cell adhesion recognition sequence

<400> 1796

Lys Val Phe Thr Ile Asp Glu Thr Thr Gly Glu
1 5 10

<210> 1797
<211> 5
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
cadherin-12 cell adhesion recognition sequence

<400> 1797

Cys Asp Pro Lys Cys
1 5

<210> 1798
<211> 6
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
cadherin-12 cell adhesion recognition sequence

<400> 1798

Cys Asp Pro Lys Thr Cys
1 5

<210> 1799
<211> 7

1795 1796 1797 1798 1799

<212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 cadherin-12 cell adhesion recognition sequence

<400> 1799
 Cys Asp Pro Lys Thr Gly Cys
 1 5

<210> 1800
 <211> 6
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 cadherin-12 cell adhesion recognition sequence

<400> 1800
 Cys Ile Asp Pro Lys Cys
 1 5

<210> 1801
 <211> 7
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 cadherin-12 cell adhesion recognition sequence

<400> 1801
 Cys Ile Asp Pro Lys Thr Cys
 1 5

<210> 1802
 <211> 8
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 cadherin-12 cell adhesion recognition sequence

<400> 1802
 Cys Ile Asp Pro Lys Thr Gly Cys
 1 5

<210> 1803
 <211> 7
 <212> PRT
 <213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-12 cell adhesion recognition sequence

<400> 1803

Cys Ser Ile Asp Pro Lys Cys
1 5

<210> 1804

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-12 cell adhesion recognition sequence

<400> 1804

Cys Ser Ile Asp Pro Lys Thr Cys
1 5

<210> 1805

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-12 cell adhesion recognition sequence

<400> 1805

Cys Ser Ile Asp Pro Lys Thr Gly Cys
1 5

<210> 1806

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-12 cell adhesion recognition sequence

<400> 1806

Cys Phe Ser Ile Asp Pro Lys Cys
1 5

<210> 1807

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-12 cell adhesion recognition sequence

<400> 1807

Cys Phe Ser Ile Asp Pro Lys Thr Cys

1 5

<210> 1808
 <211> 10
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 cadherin-12 cell adhesion recognition sequence

<400> 1808
 Cys Phe Ser Ile Asp Pro Lys Thr Gly Cys
 1 5 10

<210> 1809
 <211> 9
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 cadherin-12 cell adhesion recognition sequence

<400> 1809
 Cys Tyr Phe Ser Ile Asp Pro Lys Cys
 1 5

<210> 1810
 <211> 10
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 cadherin-12 cell adhesion recognition sequence

<400> 1810
 Cys Tyr Phe Ser Ile Asp Pro Lys Thr Cys
 1 5 10

<210> 1811
 <211> 11
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 cadherin-12 cell adhesion recognition sequence

<400> 1811
 Cys Tyr Phe Ser Ile Asp Pro Lys Thr Gly Cys
 1 5 10

<210> 1812
 <211> 5
 <212> PRT

"Secret" 639007

$\langle 220 \rangle$

<400> 1812

<210> 1813

$\langle 211 \rangle$ 6

<212> PRT

 $\langle 220 \rangle$

<400> 1813

<210> 1814

 $\langle 211 \rangle$ 7

<212> PRT

 $\langle 220 \rangle$

<400> 1814

<210> 1815

$\langle 211 \rangle$ 6

<212> PRT

<220>

<400> 1815

<210> 1816

<211> 7

<212> PRT

 $\langle 220 \rangle$

<223> Representative cyclic modulating agent based on cadherin-12 cell adhesion recognition sequence

<400> 1816

<210> 1817

<211> 8

<212> PRT

<213> Artificial Sequence

 $\langle 220 \rangle$

<223> Representative cyclic modulating agent based on cadherin-12 cell adhesion recognition sequence

<400> 1817

<210> 1818

<211> 7

<212> PRT

<213> Artificial Sequence

 $\langle 220 \rangle$

<223> Representative cyclic modulating agent based on cadherin-12 cell adhesion recognition sequence

<400> 1818

<210> 1819

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on cadherin-12 cell adhesion recognition sequence

<400> 1819

<210> 1820

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-12 cell adhesion recognition sequence

<400> 1820

er Ile As

$\langle 211 \rangle$ 8

<212> PRT

<213> Artificial Sequence

 $\langle 220 \rangle$

<223> Representative cyclic modulating agent based on cadherin-12 cell adhesion recognition sequence

<400> 1821

Glu Phe Ser Ile Asp Pro Lys Lys

1

5

<210> 1822

<211> 9

<212> PRT

<213> Artificial Sequence

 $\langle 220 \rangle$

<223> Representative cyclic modulating agent based on cadherin-12 cell adhesion recognition sequence

<400> 1822

Glu Phe Ser Ile Asp Pro Lys Thr Lys

1

5

<210> 1823

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-12 cell adhesion recognition sequence

<400> 1823

Glu Phe Ser Ile Asp Pro Lys Thr Gly Lys

1

5

10

<210> 1824

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on cadherin-12 cell adhesion recognition sequence

<400> 1824

Glu Tyr Phe Ser Ile Asp Pro Lys Lys

1

5

<210> 1825

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-12 cell adhesion recognition sequence

<400> 1825

Glu Tyr Phe Ser Ile Asp Pro Lys Thr Lys
1 5 10

<210> 1826

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-12 cell adhesion recognition sequence

<400> 1826

Glu Tyr Phe Ser Ile Asp Pro Lys Thr Gly Lys
1 5 10

<210> 1827

<211> 5

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-12 cell adhesion recognition sequence

<400> 1827

Lys Asp Pro Lys Asp
1 5

<210> 1828

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-12 cell adhesion recognition sequence

<400> 1828

Lys Asp Pro Lys Thr Asp
1 5

<210> 1829

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-12 cell adhesion recognition sequence

<400> 1829

40055007

Lys Asp Pro Lys Thr Gly Asp
1 5

<210> 1830
<211> 6
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
cadherin-12 cell adhesion recognition sequence

<400> 1830

Lys Ile Asp Pro Lys Asp
1 5

<210> 1831
<211> 7
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
cadherin-12 cell adhesion recognition sequence

<400> 1831

Lys Ile Asp Pro Lys Thr Asp
1 5

<210> 1832
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
cadherin-12 cell adhesion recognition sequence

<400> 1832

Lys Ile Asp Pro Lys Thr Gly Asp
1 5

<210> 1833
<211> 7
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
cadherin-12 cell adhesion recognition sequence

<400> 1833

Lys Ser Ile Asp Pro Lys Asp
1 5

<210> 1834
<211> 8

1830 1831 1832 1833 1834

<212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 cadherin-12 cell adhesion recognition sequence

<400> 1834
 Lys Ser Ile Asp Pro Lys Thr Asp
 1 5

<210> 1835
 <211> 9
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 cadherin-12 cell adhesion recognition sequence

<400> 1835
 Lys Ser Ile Asp Pro Lys Thr Gly Asp
 1 5

<210> 1836
 <211> 8
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 cadherin-12 cell adhesion recognition sequence

<400> 1836
 Lys Phe Ser Ile Asp Pro Lys Asp
 1 5

<210> 1837
 <211> 9
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 cadherin-12 cell adhesion recognition sequence

<400> 1837
 Lys Phe Ser Ile Asp Pro Lys Thr Asp
 1 5

<210> 1838
 <211> 10
 <212> PRT
 <213> Artificial Sequence

<220>

Publ 6329004

<223> Representative cyclic modulating agent based on
cadherin-12 cell adhesion recognition sequence

<400> 1838

Lys Phe Ser Ile Asp Pro Lys Thr Gly Asp
1 5 10

<210> 1839

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-12 cell adhesion recognition sequence

<400> 1839

Lys Tyr Phe Ser Ile Asp Pro Lys Asp
1 5

<210> 1840

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-12 cell adhesion recognition sequence

<400> 1840

Lys Tyr Phe Ser Ile Asp Pro Lys Thr Asp
1 5 10

<210> 1841

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-12 cell adhesion recognition sequence

<400> 1841

Lys Tyr Phe Ser Ile Asp Pro Lys Thr Gly Asp
1 5 10

<210> 1842

<211> 5

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-12 cell adhesion recognition sequence

<400> 1842

Asp Asp Pro Lys Lys

1 5

<210> 1843
 <211> 6
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 cadherin-12 cell adhesion recognition sequence

<400> 1843
 Asp Asp Pro Lys Thr Lys
 1 5

<210> 1844
 <211> 7
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 cadherin-12 cell adhesion recognition sequence

<400> 1844
 Asp Asp Pro Lys Thr Gly Lys
 1 5

<210> 1845
 <211> 6
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 cadherin-12 cell adhesion recognition sequence

<400> 1845
 Asp Ile Asp Pro Lys Lys
 1 5

<210> 1846
 <211> 7
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 cadherin-12 cell adhesion recognition sequence

<400> 1846
 Asp Ile Asp Pro Lys Thr Lys
 1 5

<210> 1847
 <211> 8
 <212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-12 cell adhesion recognition sequence

<400> 1847

Asp Ile Asp Pro Lys Thr Gly Lys
1 5

<210> 1848

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-12 cell adhesion recognition sequence

<400> 1848

Asp Ser Ile Asp Pro Lys Lys
1 5

<210> 1849

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-12 cell adhesion recognition sequence

<400> 1849

Asp Ser Ile Asp Pro Lys Thr Lys
1 5

<210> 1850

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-12 cell adhesion recognition sequence

<400> 1850

Asp Ser Ile Asp Pro Lys Thr Gly Lys
1 5

<210> 1851

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-12 cell adhesion recognition sequence

<400> 1851
 Asp Phe Ser Ile Asp Pro Lys Lys
 1 5

<210> 1852
 <211> 9
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 cadherin-12 cell adhesion recognition sequence

<400> 1852
 Asp Phe Ser Ile Asp Pro Lys Thr Lys
 1 5

<210> 1853
 <211> 10
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 cadherin-12 cell adhesion recognition sequence

<400> 1853
 Asp Phe Ser Ile Asp Pro Lys Thr Gly Lys
 1 5 10

<210> 1854
 <211> 9
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 cadherin-12 cell adhesion recognition sequence

<400> 1854
 Asp Tyr Phe Ser Ile Asp Pro Lys Lys
 1 5

<210> 1855
 <211> 10
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 cadherin-12 cell adhesion recognition sequence

<400> 1855
 Asp Tyr Phe Ser Ile Asp Pro Lys Thr Lys
 1 5 10

1000666-12004

<220>

<223> Representative cyclic modulating agent based on
cadherin-12 cell adhesion recognition sequence

<400> 1860

Lys Ile Asp Pro Lys Glu
1 5

<210> 1861

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-12 cell adhesion recognition sequence

<400> 1861

Lys Ile Asp Pro Lys Thr Glu
1 5

<210> 1862

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-12 cell adhesion recognition sequence

<400> 1862

Lys Ile Asp Pro Lys Thr Gly Glu
1 5

<210> 1863

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-12 cell adhesion recognition sequence

<400> 1863

Lys Ser Ile Asp Pro Lys Glu
1 5

<210> 1864

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-12 cell adhesion recognition sequence

<400> 1864

<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
cadherin-12 cell adhesion recognition sequence

<400> 1869
Lys Tyr Phe Ser Ile Asp Pro Lys Glu
1 5

<210> 1870
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
cadherin-12 cell adhesion recognition sequence

<400> 1870
Lys Tyr Phe Ser Ile Asp Pro Lys Thr Glu
1 5 10

<210> 1871
<211> 11
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
cadherin-12 cell adhesion recognition sequence

<400> 1871
Lys Tyr Phe Ser Ile Asp Pro Lys Thr Gly Glu
1 5 10

<210> 1872
<211> 5
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
cadherin-12 cell adhesion recognition sequence

<400> 1872
Asp Pro Lys Thr Gly
1 5

<210> 1873
<211> 5
<212> PRT
<213> Artificial Sequence

<220>

443001 6930001

<223> Representative cyclic modulating agent based on
cadherin-12 cell adhesion recognition sequence

<400> 1873

Ile Asp Pro Lys Thr
1 5

<210> 1874

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-12 cell adhesion recognition sequence

<400> 1874

Ile Asp Pro Lys Thr Gly
1 5

<210> 1875

<211> 5

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-12 cell adhesion recognition sequence

<400> 1875

Ser Ile Asp Pro Lys
1 5

<210> 1876

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-12 cell adhesion recognition sequence

<400> 1876

Ser Ile Asp Pro Lys Thr
1 5

<210> 1877

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-12 cell adhesion recognition sequence

<400> 1877

Ser Ile Asp Pro Lys Thr Gly

"Secret" 6929004

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-12 cell adhesion recognition sequence

<400> 1882

Tyr Phe Ser Ile Asp Pro Lys Thr
1 5

<210> 1883

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-12 cell adhesion recognition sequence

<400> 1883

Tyr Phe Ser Ile Asp Pro Lys Thr Gly
1 5

<210> 1884

<211> 5

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-14 cell adhesion recognition sequence

<400> 1884

Cys Asp Asp Thr Cys
1 5

<210> 1885

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-14 cell adhesion recognition sequence

<400> 1885

Cys Ile Asp Asp Thr Cys
1 5

<210> 1886

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-14 cell adhesion recognition sequence

<400> 1886
Cys Asp Asp Thr Thr Cys
1 5

<210> 1887
<211> 7
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
cadherin-14 cell adhesion recognition sequence

<400> 1887
Cys Ile Ile Asp Asp Thr Cys
1 5

<210> 1888
<211> 7
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
cadherin-14 cell adhesion recognition sequence

<400> 1888
Cys Ile Asp Asp Thr Thr Cys
1 5

<210> 1889
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
cadherin-14 cell adhesion recognition sequence

<400> 1889
Cys Ile Ile Asp Asp Thr Thr Cys
1 5

<210> 1890
<211> 7
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
cadherin-14 cell adhesion recognition sequence

<400> 1890
Cys Asp Asp Thr Thr Gly Cys
1 5

Patent 5959004

<210> 1891
 <211> 8
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 cadherin-14 cell adhesion recognition sequence

<400> 1891
 Cys Ile Asp Asp Thr Thr Gly Cys
 1 5

<210> 1892
 <211> 9
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 cadherin-14 cell adhesion recognition sequence

<400> 1892
 Cys Ile Ile Asp Asp Thr Thr Gly Cys
 1 5

<210> 1893
 <211> 8
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 cadherin-14 cell adhesion recognition sequence

<400> 1893
 Cys Phe Ile Ile Asp Asp Thr Cys
 1 5

<210> 1894
 <211> 9
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 cadherin-14 cell adhesion recognition sequence

<400> 1894
 Cys Phe Ile Ile Asp Asp Thr Thr Cys
 1 5

<210> 1895
 <211> 10
 <212> PRT
 <213> Artificial Sequence

Publ. No. 5,339,004

<220>

<223> Representative cyclic modulating agent based on
cadherin-14 cell adhesion recognition sequence

<400> 1895

Cys Phe Ile Ile Asp Asp Thr Thr Gly Cys
1 5 10

<210> 1896

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-14 cell adhesion recognition sequence

<400> 1896

Cys Ile Phe Ile Ile Asp Asp Thr Cys
1 5

<210> 1897

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-14 cell adhesion recognition sequence

<400> 1897

Cys Ile Phe Ile Ile Asp Asp Thr Thr Cys
1 5 10

<210> 1898

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-14 cell adhesion recognition sequence

<400> 1898

Cys Ile Phe Ile Ile Asp Asp Thr Thr Gly Cys
1 5 10

<210> 1899

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-14 cell adhesion recognition sequence

<400> 1899

<212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 cadherin-14 cell adhesion recognition sequence

<400> 1904
 Asp Ile Phe Ile Ile Asp Asp Thr Lys
 1 5

<210> 1905
 <211> 5
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 cadherin-14 cell adhesion recognition sequence

<400> 1905
 Glu Asp Asp Thr Lys
 1 5

<210> 1906
 <211> 6
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 cadherin-14 cell adhesion recognition sequence

<400> 1906
 Glu Ile Asp Asp Thr Lys
 1 5

<210> 1907
 <211> 7
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 cadherin-14 cell adhesion recognition sequence

<400> 1907
 Glu Ile Ile Asp Asp Thr Lys
 1 5

<210> 1908
 <211> 8
 <212> PRT
 <213> Artificial Sequence

<220>

<400> 1908
Glu Phe Ile Ile Asp Asp Thr Lys
1 5

<220>
<223> Representative cyclic modulating agent based on
cadherin-14 cell adhesion recognition sequence

```
<210> 1910
<211> 5
<212> PRT
<213> Artificial Sequence
```

<220>
<223> Representative cyclic modulating agent based on
cadherin-14 cell adhesion recognition sequence

```
<210> 1911
<211> 6
<212> PRT
<213> Artificial Sequence
```

<220>
<223> Representative cyclic modulating agent based on
cadherin-14 cell adhesion recognition sequence

```
<210> 1912
<211> 6
<212> PRT
<213> Artificial Sequence
```

<220>
<223> Representative cyclic modulating agent based on
cadherin-14 cell adhesion recognition sequence

<400> 1912
Lys Asp Asp Thr Thr Asp

1 5

<210> 1913
<211> 7
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
cadherin-14 cell adhesion recognition sequence

<400> 1913
Lys Ile Ile Asp Asp Thr Asp
1 5

<210> 1914
<211> 7
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
cadherin-14 cell adhesion recognition sequence

<400> 1914
Lys Ile Asp Asp Thr Thr Asp
1 5

<210> 1915
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
cadherin-14 cell adhesion recognition sequence

<400> 1915
Lys Ile Ile Asp Asp Thr Thr Asp
1 5

<210> 1916
<211> 7
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
cadherin-14 cell adhesion recognition sequence

<400> 1916
Lys Asp Asp Thr Thr Gly Asp
1 5

<210> 1917
<211> 8
<212> PRT

$\langle 220 \rangle$

<400> 1917

<210> 1918

 $\langle 211 \rangle$ 9

<212> PRT

<213> Artificial Sequence

 $\langle 220 \rangle$

<400> 1918

<210> 1919

 $\langle 211 \rangle$ 8

<212> PRT

<213> Artificial Sequence

<220>

<400> 1919

<210> 1920

$\langle 211 \rangle$ 9

<212> PRT

<213> Artificial Sequence

<220>

<400> 1920

<210> 1921

<211> 10

<212> PRT

<213> Artificial Sequence

 $\langle 220 \rangle$

<223> Representative cyclic modulating agent based on
cadherin-14 cell adhesion recognition sequence

<400> 1921
 Lys Phe Ile Ile Asp Asp Thr Thr Gly Asp
 1 5 10

<210> 1922
 <211> 9
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 cadherin-14 cell adhesion recognition sequence

<400> 1922
 Lys Ile Phe Ile Ile Asp Asp Thr Asp
 1 5

<210> 1923
 <211> 10
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 cadherin-14 cell adhesion recognition sequence

<400> 1923
 Lys Ile Phe Ile Ile Asp Asp Thr Thr Asp
 1 5 10

<210> 1924
 <211> 11
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 cadherin-14 cell adhesion recognition sequence

<400> 1924
 Lys Ile Phe Ile Ile Asp Asp Thr Thr Gly Asp
 1 5 10

<210> 1925
 <211> 4
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 cadherin-14 cell adhesion recognition sequence

<400> 1925
 Asp Asp Thr Thr
 1

<210> 1926
 <211> 5
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 cadherin-14 cell adhesion recognition sequence

<400> 1926
 Ile Asp Asp Thr Thr
 1 5

<210> 1927
 <211> 6
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 cadherin-14 cell adhesion recognition sequence

<400> 1927
 Ile Ile Asp Asp Thr Thr
 1 5

<210> 1928
 <211> 5
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 cadherin-14 cell adhesion recognition sequence

<400> 1928
 Asp Asp Thr Thr Gly
 1 5

<210> 1929
 <211> 6
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 cadherin-14 cell adhesion recognition sequence

<400> 1929
 Ile Asp Asp Thr Thr Gly
 1 5

<210> 1930
 <211> 5
 <212> PRT
 <213> Artificial Sequence

<223> Representative cyclic modulating agent based on cadherin-14 cell adhesion recognition sequence

<400> 1930

<210> 1931

<211> 6

<212> PRT

<213> Artificial Sequence

<223> Representative cyclic modulating agent based on cadherin-14 cell adhesion recognition sequence

<400> 1931

<210> 1932

<211> 6

<212> PRT

<213> Artificial Sequence

<223> Representative cyclic modulating agent based on cadherin-14 cell adhesion recognition sequence

<400> 1932

<210> 1933

<211> 7

<212> PRT

<213> Artificial Sequence

<223> Representative cyclic modulating agent based on
cadherin-14 cell adhesion recognition sequence

<400> 1933

<210> 1934

<211> 7

<212> PRT

<213> Artificial Sequence

<223> Representative cyclic modulating agent based on cadherin-14 cell adhesion recognition sequence

<400> 1934

Lys Ile Asp Asp Thr Thr Glu
1 5

<210> 1935
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
cadherin-14 cell adhesion recognition sequence

<400> 1935

Lys Ile Ile Asp Asp Thr Thr Glu
1 5

<210> 1936
<211> 7
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
cadherin-14 cell adhesion recognition sequence

<400> 1936

Lys Asp Asp Thr Thr Gly Glu
1 5

<210> 1937
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
cadherin-14 cell adhesion recognition sequence

<400> 1937

Lys Ile Asp Asp Thr Thr Gly Glu
1 5

<210> 1938
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
cadherin-14 cell adhesion recognition sequence

<400> 1938

Lys Ile Ile Asp Asp Thr Thr Gly Glu
1 5

<210> 1939
<211> 8

<212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 cadherin-14 cell adhesion recognition sequence

<400> 1939
 Lys Phe Ile Ile Asp Asp Thr Glu
 1 5

<210> 1940
 <211> 9
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 cadherin-14 cell adhesion recognition sequence

<400> 1940
 Lys Phe Ile Ile Asp Asp Thr Thr Glu
 1 5

<210> 1941
 <211> 10
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 cadherin-14 cell adhesion recognition sequence

<400> 1941
 Lys Phe Ile Ile Asp Asp Thr Thr Gly Glu
 1 5 10

<210> 1942
 <211> 9
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 cadherin-14 cell adhesion recognition sequence

<400> 1942
 Lys Ile Phe Ile Ile Asp Asp Thr Glu
 1 5

<210> 1943
 <211> 10
 <212> PRT
 <213> Artificial Sequence

<220>

Publ. No. 9850004

<223> Representative cyclic modulating agent based on
cadherin-14 cell adhesion recognition sequence

<400> 1943

Lys Ile Phe Ile Ile Asp Asp Thr Thr Glu
1 5 10

<210> 1944

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-14 cell adhesion recognition sequence

<400> 1944

Lys Ile Phe Ile Ile Asp Asp Thr Thr Gly Glu
1 5 10

<210> 1945

<211> 5

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-14 cell adhesion recognition sequence

<400> 1945

Cys Asp Pro Lys Cys
1 5

<210> 1946

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-14 cell adhesion recognition sequence

<400> 1946

Cys Val Asp Pro Lys Cys
1 5

<210> 1947

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-14 cell adhesion recognition sequence

<400> 1947

Cys Val Asp Pro Lys Thr Cys

5

<220>
<223> Representative cyclic modulating agent based on
cadherin-14 cell adhesion recognition sequence

<220>
<223> Representative cyclic modulating agent based on
cadherin-14 cell adhesion recognition sequence

<220>
<223> Representative cyclic modulating agent based on
cadherin-14 cell adhesion recognition sequence

<220>
<223> Representative cyclic modulating agent based on
cadherin-14 cell adhesion recognition sequence

| | |
|-------|------|
| <210> | 1952 |
| <211> | 8 |
| <212> | PRT |

<220>

<400> 1952

<210> 1953

<211> 9

<212> PRT

<220>

<400> 1953

<210> 1954

$\langle 211 \rangle$ 10

<212> PRT

 $\langle 220 \rangle$

<400> 1954

<210> 1955

<211> 9

<212> PRT

 $\langle 220 \rangle$

<400> 1955

<210> 1956

<211> 10

<212> PRT

 $\langle 220 \rangle$

<223> Representative cyclic modulating agent based on
cadherin-14 cell adhesion recognition sequence

Cys Tyr Phe Ser Val Asp Pro Lys Thr Cys
1 5 10

<213> Artificial Sequence

<223> Representative cyclic modulating agent based on cadherin-14 cell adhesion recognition sequence

Cys Tyr Phe Ser Val Asp Pro Lys Thr Gly Cys
1 5 10

<213> Artificial Sequence

<223> Representative cyclic modulating agent based on cadherin-14 cell adhesion recognition sequence

Cys Asp Ala Asn Cys
1 5

<213> Artificial Sequence

<223> Representative cyclic modulating agent based on
cadherin-14 cell adhesion recognition sequence

Cys Asp Ala Asn Thr Cys
1 5

<213> Artificial Sequence

<223> Representative cyclic modulating agent based on
cadherin-14 cell adhesion recognition sequence

Cys Asp Ala Asn Thr Gly Cys
1 5

<211> 7

<213> Artificial Sequence

 $\langle 220 \rangle$

<223> Representative cyclic modulating agent based on cadherin-14 cell adhesion recognition sequence

Cys Ile Asp Ala Asn Thr Cys
1 5

$\langle 211 \rangle$ 8

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-14 cell adhesion recognition sequence

Cys Ile Asp Ala Asn Thr Gly Cys
1 5

<211> 8

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on cadherin-14 cell adhesion recognition sequence

Cys Asn Ile Asp Ala Asn Thr Cys
1 5

<211> 9

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-14 cell adhesion recognition sequence

Cys Asn Ile Asp Ala Asn Thr Gly Cys
1 5

<211> 9

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-14 cell adhesion recognition sequence

<400> 1965

Cys Phe Asn Ile Asp Ala Asn Thr Cys
1 5

<210> 1966

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-14 cell adhesion recognition sequence

<400> 1966

Cys Phe Asn Ile Asp Ala Asn Thr Gly Cys
1 5 10

<210> 1967

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-14 cell adhesion recognition sequence

<400> 1967

Cys Phe Phe Asn Ile Asp Ala Asn Cys
1 5

<210> 1968

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-14 cell adhesion recognition sequence

<400> 1968

Cys Phe Phe Asn Ile Asp Ala Asn Thr Cys
1 5 10

<210> 1969

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-14 cell adhesion recognition sequence

<400> 1969

1005554204

Cys Phe Phe Asn Ile Asp Ala Asn Thr Gly Cys
 1 5 10

<210> 1970
 <211> 5
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 cadherin-14 cell adhesion recognition sequence

<400> 1970
 Glu Asp Pro Lys Lys
 1 5

<210> 1971
 <211> 6
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 cadherin-14 cell adhesion recognition sequence

<400> 1971
 Glu Asp Pro Lys Thr Lys
 1 5

<210> 1972
 <211> 7
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 cadherin-14 cell adhesion recognition sequence

<400> 1972
 Glu Asp Pro Lys Thr Gly Lys
 1 5

<210> 1973
 <211> 6
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 cadherin-14 cell adhesion recognition sequence

<400> 1973
 Glu Val Asp Pro Lys Lys
 1 5

<210> 1974
 <211> 7

4006901 539001

<223> Representative cyclic modulating agent based on
cadherin-14 cell adhesion recognition sequence

<400> 1978

Glu Ser Val Asp Pro Lys Thr Gly Lys
1 5

<210> 1979

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-14 cell adhesion recognition sequence

<400> 1979

Glu Phe Ser Val Asp Pro Lys Lys
1 5

<210> 1980

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-14 cell adhesion recognition sequence

<400> 1980

Glu Phe Ser Val Asp Pro Lys Thr Lys
1 5

<210> 1981

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-14 cell adhesion recognition sequence

<400> 1981

Glu Phe Ser Val Asp Pro Lys Thr Gly Lys
1 5 10

<210> 1982

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-14 cell adhesion recognition sequence

<400> 1982

Glu Tyr Phe Ser Val Asp Pro Lys Lys

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-14 cell adhesion recognition sequence

<400> 1987

Glu Asp Ala Asn Thr Gly Lys
1 5

<210> 1988

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-14 cell adhesion recognition sequence

<400> 1988

Glu Ile Asp Ala Asn Thr Lys
1 5

<210> 1989

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-14 cell adhesion recognition sequence

<400> 1989

Glu Ile Asp Ala Asn Thr Gly Lys
1 5

<210> 1990

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-14 cell adhesion recognition sequence

<400> 1990

Glu Asn Ile Asp Ala Asn Thr Lys
1 5

<210> 1991

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-14 cell adhesion recognition sequence

Publ. No. 693001

<210> 1996
 <211> 11
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 cadherin-14 cell adhesion recognition sequence

<400> 1996
 Glu Phe Phe Asn Ile Asp Ala Asn Thr Gly Lys
 1 5 10

<210> 1997
 <211> 6
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 cadherin-14 cell adhesion recognition sequence

<400> 1997
 Lys Val Asp Pro Lys Asp
 1 5

<210> 1998
 <211> 7
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 cadherin-14 cell adhesion recognition sequence

<400> 1998
 Lys Val Asp Pro Lys Thr Asp
 1 5

<210> 1999
 <211> 8
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 cadherin-14 cell adhesion recognition sequence

<400> 1999
 Lys Val Asp Pro Lys Thr Gly Asp
 1 5

<210> 2000
 <211> 7
 <212> PRT
 <213> Artificial Sequence

<223> Representative cyclic modulating agent based on cadherin-14 cell adhesion recognition sequence

Lys Ser Val Asp Pro Lys Asp
1 5

<213> Artificial Sequence

<223> Representative cyclic modulating agent based on cadherin-14 cell adhesion recognition sequence

Lys Ser Val Asp Pro Lys Thr Asp
1 5

<213> Artificial Sequence

<223> Representative cyclic modulating agent based on cadherin-14 cell adhesion recognition sequence

Lys Ser Val Asp Pro Lys Thr Gly Asp
1 5

<213> Artificial Sequence

<223> Representative cyclic modulating agent based on cadherin-14 cell adhesion recognition sequence

Lys Phe Ser Val Asp Pro Lys Asp
1 5

<213> Artificial Sequence

<223> Representative cyclic modulating agent based on cadherin-14 cell adhesion recognition sequence

<400> 2004

```
<210> 2005
<211> 10
<212> PRT
<213> Artificial Sequence
```

<220>
<223> Representative cyclic modulating agent based on
cadherin-14 cell adhesion recognition sequence

<400> 2005

```
<210> 2006
<211> 9
<212> PRT
<213> Artificial Sequence
```

<220>
<223> Representative cyclic modulating agent based on
cadherin-14 cell adhesion recognition sequence

<400> 2006

```
<210> 2007
<211> 10
<212> PRT
<213> Artificial Sequence
```

<220>
<223> Representative cyclic modulating agent based on
cadherin-14 cell adhesion recognition sequence

<400> 2007

```
<210> 2008
<211> 11
<212> PRT
<213> Artificial Sequence
```

<220>
<223> Representative cyclic modulating agent based on
cadherin-14 cell adhesion recognition sequence

<400> 2008

```
<210> 2009
<211> 6
```


<223> Representative cyclic modulating agent based on
cadherin-14 cell adhesion recognition sequence

<400> 2013

Lys Asn Ile Asp Ala Asn Thr Asp
1 5

<210> 2014

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-14 cell adhesion recognition sequence

<400> 2014

Lys Asn Ile Asp Ala Asn Thr Gly Asp
1 5

<210> 2015

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-14 cell adhesion recognition sequence

<400> 2015

Lys Phe Asn Ile Asp Ala Asn Thr Asp
1 5

<210> 2016

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-14 cell adhesion recognition sequence

<400> 2016

Lys Phe Asn Ile Asp Ala Asn Thr Gly Asp
1 5 10

<210> 2017

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-14 cell adhesion recognition sequence

<400> 2017

Lys Phe Phe Asn Ile Asp Ala Asn Asp

<223> Representative cyclic modulating agent based on cadherin-14 cell adhesion recognition sequence

Asp Asp Pro Lys Thr Gly Lys
1 5

<213> Artificial Sequence

<223> Representative cyclic modulating agent based on cadherin-14 cell adhesion recognition sequence

Asp Val Asp Pro Lys Lys
1 5

<213> Artificial Sequence

<223> Representative cyclic modulating agent based on
cadherin-14 cell adhesion recognition sequence

Asp Val Asp Pro Lys Thr Lys
1 5

<213> Artificial Sequence

<223> Representative cyclic modulating agent based on cadherin-14 cell adhesion recognition sequence

Asp Val Asp Pro Lys Thr Gly Lys
1 5

<213> Artificial Sequence

<223> Representative cyclic modulating agent based on cadherin-14 cell adhesion recognition sequence

INDEX

<210> 2031
 <211> 10
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 cadherin-14 cell adhesion recognition sequence

<400> 2031
 Asp Phe Ser Val Asp Pro Lys Thr Gly Lys
 1 5 10

<210> 2032
 <211> 9
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 cadherin-14 cell adhesion recognition sequence

<400> 2032
 Asp Tyr Phe Ser Val Asp Pro Lys Lys
 1 5

<210> 2033
 <211> 10
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 cadherin-14 cell adhesion recognition sequence

<400> 2033
 Asp Tyr Phe Ser Val Asp Pro Lys Thr Lys
 1 5 10

<210> 2034
 <211> 11
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 cadherin-14 cell adhesion recognition sequence

<400> 2034
 Asp Tyr Phe Ser Val Asp Pro Lys Thr Gly Lys
 1 5 10

<210> 2035
 <211> 5
 <212> PRT
 <213> Artificial Sequence

Footnote 625000

<223> Representative cyclic modulating agent based on cadherin-14 cell adhesion recognition sequence

Asp Asp Ala Asn Lys
1 5

<213> Artificial Sequence

<223> Representative cyclic modulating agent based on cadherin-14 cell adhesion recognition sequence

Asp Asp Ala Asn Thr Lys
1 5

<213> Artificial Sequence

<223> Representative cyclic modulating agent based on cadherin-14 cell adhesion recognition sequence

Asp Asp Ala Asn Thr Gly Lys
1 5

<213> Artificial Sequence

<223> Representative cyclic modulating agent based on cadherin-14 cell adhesion recognition sequence

Asp Ile Asp Ala Asn Thr Lys
1 5

<213> Artificial Sequence

<223> Representative cyclic modulating agent based on cadherin-14 cell adhesion recognition sequence

<400> 2039

<223> Representative cyclic modulating agent based on
cadherin-14 cell adhesion recognition sequence

<400> 2048

Lys Val Asp Pro Lys Thr Glu
1 5

<210> 2049

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-14 cell adhesion recognition sequence

<400> 2049

Lys Val Asp Pro Lys Thr Gly Glu
1 5

<210> 2050

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-14 cell adhesion recognition sequence

<400> 2050

Lys Ser Val Asp Pro Lys Glu
1 5

<210> 2051

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-14 cell adhesion recognition sequence

<400> 2051

Lys Ser Val Asp Pro Lys Thr Glu
1 5

<210> 2052

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-14 cell adhesion recognition sequence

<400> 2052

Lys Ser Val Asp Pro Lys Thr Gly Glu

$\langle 220 \rangle$

<400> 2057

<210> 2058

 $\langle 211 \rangle$ 11

<212> PRT

 $\langle 220 \rangle$

<400> 2058

<210> 2059

 $\langle 211 \rangle$ 5

<212> PRT

<220>

<400> 2059

<210> 2060

<211> 6

<212> PRT

<220>

<400> 2060

<210> 2061

$\langle 211 \rangle$ 7

<212> PRT

<220>

<223> Representative cyclic modulating agent based on cadherin-14 cell adhesion recognition sequence

<400> 2061
 Lys Asp Ala Asn Thr Gly Glu
 1 5

<210> 2062
 <211> 7
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 cadherin-14 cell adhesion recognition sequence

<400> 2062
 Lys Ile Asp Ala Asn Thr Glu
 1 5

<210> 2063
 <211> 8
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 cadherin-14 cell adhesion recognition sequence

<400> 2063
 Lys Ile Asp Ala Asn Thr Gly Glu
 1 5

<210> 2064
 <211> 8
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 cadherin-14 cell adhesion recognition sequence

<400> 2064
 Lys Asn Ile Asp Ala Asn Thr Glu
 1 5

<210> 2065
 <211> 9
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 cadherin-14 cell adhesion recognition sequence

<400> 2065
 Lys Asn Ile Asp Ala Asn Thr Gly Glu
 1 5

<220>

<223> Representative cyclic modulating agent based on
cadherin-14 cell adhesion recognition sequence

<400> 2070

| | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Lys | Phe | Phe | Asn | Ile | Asp | Ala | Asn | Thr | Gly | Glu |
| 1 | | | | 5 | | | | | 10 | |

<210> 2071

<211> 5

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-14 cell adhesion recognition sequence

<400> 2071

| | | | | |
|-----|-----|-----|-----|-----|
| Val | Asp | Pro | Lys | Thr |
| 1 | | | 5 | |

<210> 2072

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-14 cell adhesion recognition sequence

<400> 2072

| | | | | | |
|-----|-----|-----|-----|-----|-----|
| Val | Asp | Pro | Lys | Thr | Gly |
| 1 | | | 5 | | |

<210> 2073

<211> 5

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-14 cell adhesion recognition sequence

<400> 2073

| | | | | |
|-----|-----|-----|-----|-----|
| Ser | Val | Asp | Pro | Lys |
| 1 | | | 5 | |

<210> 2074

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-14 cell adhesion recognition sequence

<400> 2074

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100

<212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 cadherin-14 cell adhesion recognition sequence

<400> 2079
 Tyr Phe Ser Val Asp Pro Lys
 1 5

<210> 2080
 <211> 8
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 cadherin-14 cell adhesion recognition sequence

<400> 2080
 Tyr Phe Ser Val Asp Pro Lys Thr
 1 5

<210> 2081
 <211> 9
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 cadherin-14 cell adhesion recognition sequence

<400> 2081
 Tyr Phe Ser Val Asp Pro Lys Thr Gly
 1 5

<210> 2082
 <211> 5
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 cadherin-14 cell adhesion recognition sequence

<400> 2082
 Asp Ala Asn Thr Gly
 1 5

<210> 2083
 <211> 5
 <212> PRT
 <213> Artificial Sequence

<220>

<400> 2083
 Ile Asp Ala Asn Thr
 1 5

```
<210> 2084
<211> 6
<212> PRT
<213> Artificial Sequence
```

<220>
<223> Representative cyclic modulating agent based on
cadherin-14 cell adhesion recognition sequence

<400> 2084
 Ile Asp Ala Asn Thr Gly
 1 5

```
<210> 2085
<211> 6
<212> PRT
<213> Artificial Sequence
```

<220>
<223> Representative cyclic modulating agent based on
cadherin-14 cell adhesion recognition sequence

```

      <400> 2085
Asn Ile Asp Ala Asn Thr
 1               5

```

```
<210> 2086
<211> 7
<212> PRT
<213> Artificial Sequence
```

<220>
<223> Representative cyclic modulating agent based on
cadherin-14 cell adhesion recognition sequence

<400> 2086
 Asn Ile Asp Ala Asn Thr Gly
 1 5

```
<210> 2087
<211> 7
<212> PRT
<213> Artificial Sequence
```

<220>
<223> Representative cyclic modulating agent based on
cadherin-14 cell adhesion recognition sequence

<400> 2087
Phe Asn Ile Asp Ala Asn Thr

1

5

<210> 2088
 <211> 8
 <212> PRT
 <213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
 cadherin-14 cell adhesion recognition sequence

<400> 2088

Phe Asn Ile Asp Ala Asn Thr Gly

1

5

<210> 2089
 <211> 7
 <212> PRT
 <213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
 cadherin-14 cell adhesion recognition sequence

<400> 2089

Phe Phe Asn Ile Asp Ala Asn

1

5

<210> 2090
 <211> 8
 <212> PRT
 <213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
 cadherin-14 cell adhesion recognition sequence

<400> 2090

Phe Phe Asn Ile Asp Ala Asn Thr

1

5

<210> 2091
 <211> 9
 <212> PRT
 <213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
 cadherin-14 cell adhesion recognition sequence

<400> 2091

Phe Phe Asn Ile Asp Ala Asn Thr Gly

1

5

<210> 2092
 <211> 5
 <212> PRT

<400> 2096
Cys Ile Asp Lys Phe Thr Cys
1 5

<210> 2097
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
cadherin-15 cell adhesion recognition sequence

<400> 2097
Cys Ser Ile Asp Lys Phe Thr Cys
1 5

<210> 2098
<211> 7
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
cadherin-15 cell adhesion recognition sequence

<400> 2098
Cys Asp Lys Phe Thr Gly Cys
1 5

<210> 2099
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
cadherin-15 cell adhesion recognition sequence

<400> 2099
Cys Ile Asp Lys Phe Thr Gly Cys
1 5

<210> 2100
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
cadherin-15 cell adhesion recognition sequence

<400> 2100
Cys Ser Ile Asp Lys Phe Thr Gly Cys
1 5

495 2096 2097 2098 2099 2100

<220>

<223> Representative cyclic modulating agent based on
cadherin-15 cell adhesion recognition sequence

<400> 2105

| | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Cys | Val | Phe | Ser | Ile | Asp | Lys | Phe | Thr | Cys |
| 1 | | | | 5 | | | | | 10 |

<210> 2106

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-15 cell adhesion recognition sequence

<400> 2106

| | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Cys | Val | Phe | Ser | Ile | Asp | Lys | Phe | Thr | Gly | Cys |
| 1 | | | | 5 | | | | | 10 | |

<210> 2107

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-15 cell adhesion recognition sequence

<400> 2107

| | | | | | |
|-----|-----|-----|-----|-----|-----|
| Asp | Asp | Lys | Phe | Thr | Lys |
| 1 | | | | 5 | |

<210> 2108

<211> 5

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-15 cell adhesion recognition sequence

<400> 2108

| | | | | |
|-----|-----|-----|-----|-----|
| Asp | Asp | Lys | Phe | Lys |
| 1 | | | | 5 |

<210> 2109

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-15 cell adhesion recognition sequence

<400> 2109

4-11-02 10:33:00

<223> Representative cyclic modulating agent based on
cadherin-15 cell adhesion recognition sequence

<400> 2118
Lys Asp Lys Phe Asp
1 5

<210> 2119
<211> 6
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
cadherin-15 cell adhesion recognition sequence

<400> 2119
Lys Ile Asp Lys Phe Asp
1 5

<210> 2120
<211> 6
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
cadherin-15 cell adhesion recognition sequence

<400> 2120
Lys Asp Lys Phe Thr Asp
1 5

<210> 2121
<211> 7
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
cadherin-15 cell adhesion recognition sequence

<400> 2121
Lys Ser Ile Asp Lys Phe Asp
1 5

<210> 2122
<211> 7
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
cadherin-15 cell adhesion recognition sequence

<400> 2122
Lys Ile Asp Lys Phe Thr Asp

Patent # 6,335,000

1

5

<210> 2123
 <211> 8
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 cadherin-15 cell adhesion recognition sequence

<400> 2123
 Lys Ser Ile Asp Lys Phe Thr Asp
 1 5

<210> 2124
 <211> 7
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 cadherin-15 cell adhesion recognition sequence

<400> 2124
 Lys Asp Lys Phe Thr Gly Asp
 1 5

<210> 2125
 <211> 8
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 cadherin-15 cell adhesion recognition sequence

<400> 2125
 Lys Ile Asp Lys Phe Thr Gly Asp
 1 5

<210> 2126
 <211> 9
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 cadherin-15 cell adhesion recognition sequence

<400> 2126
 Lys Ser Ile Asp Lys Phe Thr Gly Asp
 1 5

<210> 2127
 <211> 8
 <212> PRT

<220>

<400> 2127

<210> 2128

<211> 9

<212> PRT

<213> Artificial Sequence

 $\langle 220 \rangle$

<400> 2128

<210> 2129

$\langle 211 \rangle$ 10

<212> PRT

<213> Artificial Sequence

 $\langle 220 \rangle$

<400> 2129

<210> 2130

$\langle 211 \rangle$ 9

<212> PRT

<213> Artificial Sequence

<220>

<400> 2130

<210> 2131

<211> 10

<212> PRT

<213> Artificial Sequence

$\langle 220 \rangle$

<223> Representative cyclic modulating agent based on
cadherin-15 cell adhesion recognition sequence

<400> 2131
 Lys Val Phe Ser Ile Asp Lys Phe Thr Asp
 1 5 10

<210> 2132
 <211> 11
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 cadherin-15 cell adhesion recognition sequence

<400> 2132
 Lys Val Phe Ser Ile Asp Lys Phe Thr Gly Asp
 1 5 10

<210> 2133
 <211> 9
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 cadherin-15 cell adhesion recognition sequence

<400> 2133
 Asp Ile Asp Lys Phe Thr His Glu Lys
 1 5

<210> 2134
 <211> 5
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 cadherin-15 cell adhesion recognition sequence

<400> 2134
 Ile Asp Lys Phe Thr
 1 5

<210> 2135
 <211> 6
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 cadherin-15 cell adhesion recognition sequence

<400> 2135
 Ser Ile Asp Lys Phe Thr
 1 5

<210> 2136
 <211> 5
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 cadherin-15 cell adhesion recognition sequence

<400> 2136
 Asp Lys Phe Thr Gly
 1 5

<210> 2137
 <211> 6
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 cadherin-15 cell adhesion recognition sequence

<400> 2137
 Ile Asp Lys Phe Thr Gly
 1 5

<210> 2138
 <211> 5
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 cadherin-15 cell adhesion recognition sequence

<400> 2138
 Lys Asp Lys Phe Glu
 1 5

<210> 2139
 <211> 6
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 cadherin-15 cell adhesion recognition sequence

<400> 2139
 Lys Ile Asp Lys Phe Glu
 1 5

<210> 2140
 <211> 6
 <212> PRT
 <213> Artificial Sequence

<223> Representative cyclic modulating agent based on cadherin-15 cell adhesion recognition sequence

Lys Asp Lys Phe Thr Glu
1 5

<213> Artificial Sequence

<223> Representative cyclic modulating agent based on cadherin-15 cell adhesion recognition sequence

Lys Ser Ile Asp Lys Phe Glu
1 5

<213> Artificial Sequence

<223> Representative cyclic modulating agent based on cadherin-15 cell adhesion recognition sequence

Lys Ile Asp Lys Phe Thr Glu
1 5

<213> Artificial Sequence

<223> Representative cyclic modulating agent based on cadherin-15 cell adhesion recognition sequence

Lys Ser Ile Asp Lys Phe Thr Glu
1 5

<213> Artificial Sequence

<223> Representative cyclic modulating agent based on cadherin-15 cell adhesion recognition sequence

<400> 2144

Lys Asp Lys Phe Thr Gly Glu
1 5

<210> 2145
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
cadherin-15 cell adhesion recognition sequence

<400> 2145

Lys Ile Asp Lys Phe Thr Gly Glu
1 5

<210> 2146
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
cadherin-15 cell adhesion recognition sequence

<400> 2146

Lys Ser Ile Asp Lys Phe Thr Gly Glu
1 5

<210> 2147
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
cadherin-15 cell adhesion recognition sequence

<400> 2147

Lys Phe Ser Ile Asp Lys Phe Glu
1 5

<210> 2148
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
cadherin-15 cell adhesion recognition sequence

<400> 2148

Lys Phe Ser Ile Asp Lys Phe Thr Glu
1 5

<210> 2149
<211> 10

400535007

<212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 cadherin-15 cell adhesion recognition sequence

<400> 2149
 Lys Phe Ser Ile Asp Lys Phe Thr Gly Glu
 1 5 10

<210> 2150
 <211> 9
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 cadherin-15 cell adhesion recognition sequence

<400> 2150
 Lys Val Phe Ser Ile Asp Lys Phe Glu
 1 5

<210> 2151
 <211> 10
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 cadherin-15 cell adhesion recognition sequence

<400> 2151
 Lys Ile Phe Ser Ile Asp Lys Phe Thr Glu
 1 5 10

<210> 2152
 <211> 11
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 cadherin-15 cell adhesion recognition sequence

<400> 2152
 Lys Val Phe Ser Ile Asp Lys Phe Thr Gly Glu
 1 5 10

<210> 2153
 <211> 5
 <212> PRT
 <213> Artificial Sequence

<220>

<400> 2153
Cys Asp Glu Leu Cys
1 5

<220>
<223> Representative cyclic modulating agent based on
cadherin-15 cell adhesion recognition sequence

```
<210> 2155
<211> 7
<212> PRT
<213> Artificial Sequence
```

<220>
<223> Representative cyclic modulating agent based on
cadherin-15 cell adhesion recognition sequence

```
<210> 2156
<211> 6
<212> PRT
<213> Artificial Sequence
```

<220>
<223> Representative cyclic modulating agent based on
cadherin-15 cell adhesion recognition sequence

```
<210> 2157
<211> 7
<212> PRT
<213> Artificial Sequence
```

<220>
<223> Representative cyclic modulating agent based on
cadherin-15 cell adhesion recognition sequence

<400> 2157
Cys Ile Asp Glu Leu Thr Cys

1 5

<210> 2158
 <211> 8
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 cadherin-15 cell adhesion recognition sequence

<400> 2158
 Cys Ile Asp Glu Leu Thr Gly Cys
 1 5

<210> 2159
 <211> 7
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 cadherin-15 cell adhesion recognition sequence

<400> 2159
 Cys Ser Ile Asp Glu Leu Cys
 1 5

<210> 2160
 <211> 8
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 cadherin-15 cell adhesion recognition sequence

<400> 2160
 Cys Ser Ile Asp Glu Leu Thr Cys
 1 5

<210> 2161
 <211> 9
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 cadherin-15 cell adhesion recognition sequence

<400> 2161
 Cys Ser Ile Asp Glu Leu Thr Gly Cys
 1 5

<210> 2162
 <211> 8
 <212> PRT

40069007 " 0335007

<220>

<400> 2162

<210> 2163

<211> 9

<212> PRT

 $\langle 220 \rangle$

<400> 2163

<210> 2164

$\langle 211 \rangle$ 10

<212> PRT

 $\langle 220 \rangle$

<400> 2164

<210> 2165

<211> 9

<212> PRT

<220>

<400> 2165

<210> 2166

$\langle 211 \rangle$ 10

<212> PRT

<220>

<223> Representative cyclic modulating agent based on
cadherin-15 cell adhesion recognition sequence

<400> 2166
 Cys Leu Phe Ser Ile Asp Glu Leu Thr Cys
 1 5 10

<210> 2167
 <211> 11
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 cadherin-15 cell adhesion recognition sequence

<400> 2167
 Cys Leu Phe Ser Ile Asp Glu Leu Thr Gly Cys
 1 5 10

<210> 2168
 <211> 6
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 cadherin-15 cell adhesion recognition sequence

<400> 2168
 Glu Asp Glu Leu Cys Lys
 1 5

<210> 2169
 <211> 6
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 cadherin-15 cell adhesion recognition sequence

<400> 2169
 Glu Asp Glu Leu Thr Lys
 1 5

<210> 2170
 <211> 7
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 cadherin-15 cell adhesion recognition sequence

<400> 2170
 Glu Asp Glu Leu Thr Gly Lys
 1 5

Patent # 6,933,000

<220>
<223> Representative cyclic modulating agent based on
cadherin-15 cell adhesion recognition sequence

<400> 2171

<220>
<223> Representative cyclic modulating agent based on
cadherin-15 cell adhesion recognition sequence

<400> 2172

<220>
<223> Representative cyclic modulating agent based on
cadherin-15 cell adhesion recognition sequence

<400> 2173

<220>
<223> Representative cyclic modulating agent based on
cadherin-15 cell adhesion recognition sequence

<400> 2174

```
<210> 2175
<211> 8
<212> PRT
<213> Artificial Sequence
```

<220>

<223> Representative cyclic modulating agent based on
cadherin-15 cell adhesion recognition sequence

<400> 2175

Glu Ser Ile Asp Glu Leu Thr Lys
1 5

<210> 2176

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-15 cell adhesion recognition sequence

<400> 2176

Glu Ser Ile Asp Glu Leu Thr Gly Lys
1 5

<210> 2177

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-15 cell adhesion recognition sequence

<400> 2177

Glu Phe Ser Ile Asp Glu Leu Lys
1 5

<210> 2178

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-15 cell adhesion recognition sequence

<400> 2178

Glu Phe Ser Ile Asp Glu Leu Thr Lys
1 5

<210> 2179

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-15 cell adhesion recognition sequence

<400> 2179

Glu Phe Ser Ile Asp Glu Leu Thr Gly Lys
1 5 10

<210> 2180

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-15 cell adhesion recognition sequence

<400> 2180

Glu Leu Phe Ser Ile Asp Glu Leu Lys
1 5

<210> 2181

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-15 cell adhesion recognition sequence

<400> 2181

Glu Leu Phe Ser Ile Asp Glu Leu Thr Lys
1 5 10

<210> 2182

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-15 cell adhesion recognition sequence

<400> 2182

Glu Leu Phe Ser Ile Asp Glu Leu Thr Gly Lys
1 5 10

<210> 2183

<211> 5

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-15 cell adhesion recognition sequence

<400> 2183

Lys Asp Glu Leu Asp
1 5

<210> 2184

<211> 6

<212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 cadherin-15 cell adhesion recognition sequence

<400> 2184
 Lys Asp Glu Leu Thr Asp
 1 5

<210> 2185
 <211> 7
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 cadherin-15 cell adhesion recognition sequence

<400> 2185
 Lys Asp Glu Leu Thr Gly Asp
 1 5

<210> 2186
 <211> 6
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 cadherin-15 cell adhesion recognition sequence

<400> 2186
 Lys Ile Asp Glu Leu Asp
 1 5

<210> 2187
 <211> 7
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 cadherin-15 cell adhesion recognition sequence

<400> 2187
 Lys Ile Asp Glu Leu Thr Asp
 1 5

<210> 2188
 <211> 8
 <212> PRT
 <213> Artificial Sequence

<220>

40063001

<400> 2188
Lys Ile Asp Glu Leu Thr Gly Asp
1 5

<220>
<223> Representative cyclic modulating agent based on
cadherin-15 cell adhesion recognition sequence

```
<210> 2190
<211> 8
<212> PRT
<213> Artificial Sequence
```

<220>
<223> Representative cyclic modulating agent based on
cadherin-15 cell adhesion recognition sequence

```
<210> 2191
<211> 9
<212> PRT
<213> Artificial Sequence
```

<220>
<223> Representative cyclic modulating agent based on
cadherin-15 cell adhesion recognition sequence

```
<210> 2192
<211> 8
<212> PRT
<213> Artificial Sequence
```

<220>
<223> Representative cyclic modulating agent based on
cadherin-15 cell adhesion recognition sequence

<400> 2192
Lys Phe Ser Ile Asp Glu Leu Asp

1

5

<210> 2193
 <211> 9
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 cadherin-15 cell adhesion recognition sequence

<400> 2193

Lys Phe Ser Ile Asp Glu Leu Thr Asp
 1 5

<210> 2194
 <211> 10
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 cadherin-15 cell adhesion recognition sequence

<400> 2194

Lys Phe Ser Ile Asp Glu Leu Thr Gly Asp
 1 5 10

<210> 2195
 <211> 9
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 cadherin-15 cell adhesion recognition sequence

<400> 2195

Lys Leu Phe Ser Ile Asp Glu Leu Asp
 1 5

<210> 2196
 <211> 10
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 cadherin-15 cell adhesion recognition sequence

<400> 2196

Lys Leu Phe Ser Ile Asp Glu Leu Thr Asp
 1 5 10

<210> 2197
 <211> 11
 <212> PRT

1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26
27
28
29
30
31
32
33
34
35
36
37
38
39
40
41
42
43
44
45
46
47
48
49
50
51
52
53
54
55
56
57
58
59
60
61
62
63
64
65
66
67
68
69
70
71
72
73
74
75
76
77
78
79
80
81
82
83
84
85
86
87
88
89
90
91
92
93
94
95
96
97
98
99
100

$\langle 220 \rangle$

<400> 2197

<210> 2198

$\langle 211 \rangle$ 5

<212> PRT

<213> Artificial Sequence

 $\langle 220 \rangle$

<400> 2198

<210> 2199

 $\langle 211 \rangle$ 6

<212> PRT

<213> Artificial Sequence

 $\langle 220 \rangle$

<400> 2199

<210> 2200

<211> 7

<212> PRT

<213> Artificial Sequence

 $\langle 220 \rangle$

<400> 2200

<210> 2201

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on cadherin-15 cell adhesion recognition sequence

<400> 2201

<210> 2202

<211> 7

<212> PRT

<213> Artificial Sequence

 $\langle 220 \rangle$

<223> Representative cyclic modulating agent based on cadherin-15 cell adhesion recognition sequence

<400> 2202

<210> 2203

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-15 cell adhesion recognition sequence

<400> 2203

<210> 2204

<211> 7

<212> PRT

<213> Artificial Sequence

 $\langle 220 \rangle$

<223> Representative cyclic modulating agent based on cadherin-15 cell adhesion recognition sequence

<400> 2204

<210> 2205

<211> 8

<212> PRT

<213> Artificial Sequence

 $\langle 220 \rangle$

<223> Representative cyclic modulating agent based on cadherin-15 cell adhesion recognition sequence

<400> 2205

<220>
<223> Representative cyclic modulating agent based on
cadherin-15 cell adhesion recognition sequence

<400> 2206

<220>
<223> Representative cyclic modulating agent based on
cadherin-15 cell adhesion recognition sequence

<400> 2207

<220>
<223> Representative cyclic modulating agent based on
cadherin-15 cell adhesion recognition sequence

<400> 2208

<220>
<223> Representative cyclic modulating agent based on
cadherin-15 cell adhesion recognition sequence

<400> 2209

```
<210> 2210
<211> 9
<212> PRT
<213> Artificial Sequence
```

<220>

<223> Representative cyclic modulating agent based on
cadherin-15 cell adhesion recognition sequence

<400> 2210

Asp Leu Phe Ser Ile Asp Glu Leu Lys
1 5

<210> 2211

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-15 cell adhesion recognition sequence

<400> 2211

Asp Leu Phe Ser Ile Asp Glu Leu Thr Lys
1 5 10

<210> 2212

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-15 cell adhesion recognition sequence

<400> 2212

Asp Leu Phe Ser Ile Asp Glu Leu Thr Gly Lys
1 5 10

<210> 2213

<211> 5

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-15 cell adhesion recognition sequence

<400> 2213

Lys Asp Glu Leu Glu
1 5

<210> 2214

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-15 cell adhesion recognition sequence

<400> 2214

Lys Asp Glu Leu Thr Glu
1 5

<210> 2215
<211> 7
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
cadherin-15 cell adhesion recognition sequence

<400> 2215

Lys Asp Glu Leu Thr Gly Glu
1 5

<210> 2216
<211> 6
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
cadherin-15 cell adhesion recognition sequence

<400> 2216

Lys Ile Asp Glu Leu Glu
1 5

<210> 2217
<211> 7
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
cadherin-15 cell adhesion recognition sequence

<400> 2217

Lys Ile Asp Glu Leu Thr Glu
1 5

<210> 2218
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
cadherin-15 cell adhesion recognition sequence

<400> 2218

Lys Ile Asp Glu Leu Thr Gly Glu
1 5

<210> 2219
<211> 7

Patent 6,935,004

<212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 cadherin-15 cell adhesion recognition sequence

<400> 2219
 Lys Ser Ile Asp Glu Leu Glu
 1 5

<210> 2220
 <211> 8
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 cadherin-15 cell adhesion recognition sequence

<400> 2220
 Lys Ser Ile Asp Glu Leu Thr Glu
 1 5

<210> 2221
 <211> 9
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 cadherin-15 cell adhesion recognition sequence

<400> 2221
 Lys Ser Ile Asp Glu Leu Thr Gly Glu
 1 5

<210> 2222
 <211> 8
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 cadherin-15 cell adhesion recognition sequence

<400> 2222
 Lys Phe Ser Ile Asp Glu Leu Glu
 1 5

<210> 2223
 <211> 9
 <212> PRT
 <213> Artificial Sequence

<220>

40059004

<400> 2223
Lys Phe Ser Ile Asp Glu Leu Thr Glu
1 5

<211> 10

<212> PRT

<213> Artificial Sequence

 $\langle 220 \rangle$

<223> Representative cyclic modulating agent based on cadherin-15 cell adhesion recognition sequence

Lys Phe Ser Ile Asp Glu Leu Thr Gly Glu
1 5 10

<210> 2225

<211> 9

<212> PRT

<213> Artificial Sequence

 $\langle 220 \rangle$

<223> Representative cyclic modulating agent based on cadherin-15 cell adhesion recognition sequence

Lys Leu Phe Ser Ile Asp Glu Leu Glu
1 5

<210> 2226

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on cadherin-15 cell adhesion recognition sequence

<400> 2226

Lys Leu Phe Ser Ile Asp Glu Leu Thr Glu
1 5 10

<210> 2227

<211> 11

<212> PRT

<213> Artificial Sequence

 $\langle 220 \rangle$

<223> Representative cyclic modulating agent based on cadherin-15 cell adhesion recognition sequence

<400> 2227

Lys Leu Phe Ser Ile Asp Glu Leu Thr Gly Glu

| | | |
|---|---|----|
| 1 | 5 | 10 |
| <p> <210> 2228 <211> 5 <212> PRT <213> Artificial Sequence </p> | | |
| <p> <220> <223> Representative cyclic modulating agent based on cadherin-15 cell adhesion recognition sequence </p> | | |
| <p> <400> 2228 Asp Glu Leu Thr Gly 1 5 </p> | | |
| <p> <210> 2229 <211> 5 <212> PRT <213> Artificial Sequence </p> | | |
| <p> <220> <223> Representative cyclic modulating agent based on cadherin-15 cell adhesion recognition sequence </p> | | |
| <p> <400> 2229 Ile Asp Glu Leu Thr 1 5 </p> | | |
| <p> <210> 2230 <211> 6 <212> PRT <213> Artificial Sequence </p> | | |
| <p> <220> <223> Representative cyclic modulating agent based on cadherin-15 cell adhesion recognition sequence </p> | | |
| <p> <400> 2230 Ile Asp Glu Leu Thr Gly 1 5 </p> | | |
| <p> <210> 2231 <211> 5 <212> PRT <213> Artificial Sequence </p> | | |
| <p> <220> <223> Representative cyclic modulating agent based on cadherin-15 cell adhesion recognition sequence </p> | | |
| <p> <400> 2231 Ser Ile Asp Glu Leu 1 5 </p> | | |
| <p> <210> 2232 <211> 6 <212> PRT </p> | | |

<220>

<400> 2232

<210> 2233

<211> 7

<212> PRT

 $\langle 220 \rangle$

<400> 2233

<210> 2234

<211> 6

<212> PRT

<220>

<400> 2234

$\langle 210 \rangle$ 2235

<211> 7

<212> PRT

 $\langle 220 \rangle$

<400> 2235

<210> 2236

<211> 8

<212> PRT

 $\langle 220 \rangle$

<223> Representative cyclic modulating agent based on
cadherin-15 cell adhesion recognition sequence

<400> 2236
Phe Ser Ile Asp Glu Leu Thr Gly
1 5

<210> 2237
<211> 7
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
cadherin-15 cell adhesion recognition sequence

<400> 2237
Leu Phe Ser Ile Asp Glu Leu
1 5

<210> 2238
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
cadherin-15 cell adhesion recognition sequence

<400> 2238
Leu Phe Ser Ile Asp Glu Leu Thr
1 5

<210> 2239
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
cadherin-15 cell adhesion recognition sequence

<400> 2239
Leu Phe Ser Ile Asp Glu Leu Thr Gly
1 5

<210> 2240
<211> 5
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
T-cadherin cell adhesion recognition sequence

<400> 2240
Cys Asn Glu Asn Cys
1 5

Publ. No. 6939001

<210> 2241
 <211> 6
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 T-cadherin cell adhesion recognition sequence

<400> 2241
 Cys Ile Asn Glu Asn Cys
 1 5

<210> 2242
 <211> 6
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 T-cadherin cell adhesion recognition sequence

<400> 2242
 Cys Asn Glu Asn Thr Cys
 1 5

<210> 2243
 <211> 7
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 T-cadherin cell adhesion recognition sequence

<400> 2243
 Cys Arg Ile Asn Glu Asn Cys
 1 5

<210> 2244
 <211> 7
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 T-cadherin cell adhesion recognition sequence

<400> 2244
 Cys Ile Asn Glu Asn Thr Cys
 1 5

<210> 2245
 <211> 8
 <212> PRT
 <213> Artificial Sequence

<223> Representative cyclic modulating agent based on T-cadherin cell adhesion recognition sequence

Cys Arg Ile Asn Glu Asn Thr Cys
1 5

<213> Artificial Sequence

<223> Representative cyclic modulating agent based on T-cadherin cell adhesion recognition sequence

Cys Asn Glu Asn Thr Gly Cys
1 5

<213> Artificial Sequence

<223> Representative cyclic modulating agent based on T-cadherin cell adhesion recognition sequence

Cys Ile Asn Glu Asn Thr Gly Cys
1 5

<213> Artificial Sequence

<223> Representative cyclic modulating agent based on T-cadherin cell adhesion recognition sequence

Cys Arg Ile Asn Glu Asn Thr Gly Cys
1 5

<213> Artificial Sequence

<223> Representative cyclic modulating agent based on T-cadherin cell adhesion recognition sequence

<400> 2249

Cys Phe Arg Ile Asn Glu Asn Cys
1 5

<210> 2250
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
T-cadherin cell adhesion recognition sequence

<400> 2250

Cys Phe Arg Ile Asn Glu Asn Thr Cys
1 5

<210> 2251
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
T-cadherin cell adhesion recognition sequence

<400> 2251

Cys Phe Arg Ile Asn Glu Asn Thr Gly Cys
1 5 10

<210> 2252
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
T-cadherin cell adhesion recognition sequence

<400> 2252

Cys Ile Phe Arg Ile Asn Glu Asn Cys
1 5

<210> 2253
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
T-cadherin cell adhesion recognition sequence

<400> 2253

Cys Ile Phe Arg Ile Asn Glu Asn Thr Cys
1 5 10

<210> 2254
<211> 11

<212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 T-cadherin cell adhesion recognition sequence

<400> 2254
 Cys Ile Phe Arg Ile Asn Glu Asn Thr Gly Cys
 1 5 10

<210> 2255
 <211> 5
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 T-cadherin cell adhesion recognition sequence

<400> 2255
 Asp Asn Glu Asn Lys
 1 5

<210> 2256
 <211> 6
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 T-cadherin cell adhesion recognition sequence

<400> 2256
 Asp Ile Asn Glu Asn Lys
 1 5

<210> 2257
 <211> 7
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 T-cadherin cell adhesion recognition sequence

<400> 2257
 Asp Arg Ile Asn Glu Asn Lys
 1 5

<210> 2258
 <211> 8
 <212> PRT
 <213> Artificial Sequence

<220>

<400> 2258
Asp Phe Arg Ile Asn Glu Asn Lys
1 5

<220>
<223> Representative cyclic modulating agent based on
T-cadherin cell adhesion recognition sequence

```
<210> 2260
<211> 5
<212> PRT
<213> Artificial Sequence
```

<220>
<223> Representative cyclic modulating agent based on
T-cadherin cell adhesion recognition sequence

```
<210> 2261
<211> 6
<212> PRT
<213> Artificial Sequence
```

<220>
<223> Representative cyclic modulating agent based on
T-cadherin cell adhesion recognition sequence

```
<210> 2262
<211> 7
<212> PRT
<213> Artificial Sequence
```

<220>
<223> Representative cyclic modulating agent based on
T-cadherin cell adhesion recognition sequence

<400> 2262
Glu Arg Ile Asn Glu Asn Lys

1 5
 <210> 2263
 <211> 8
 <212> PRT
 <213> Artificial Sequence

 <220>
 <223> Representative cyclic modulating agent based on
 T-cadherin cell adhesion recognition sequence

 <400> 2263
 Glu Phe Arg Ile Asn Glu Asn Lys
 1 5

 <210> 2264
 <211> 9
 <212> PRT
 <213> Artificial Sequence

 <220>
 <223> Representative cyclic modulating agent based on
 T-cadherin cell adhesion recognition sequence

 <400> 2264
 Glu Ile Phe Arg Ile Asn Glu Asn Lys
 1 5

 <210> 2265
 <211> 5
 <212> PRT
 <213> Artificial Sequence

 <220>
 <223> Representative cyclic modulating agent based on
 T-cadherin cell adhesion recognition sequence

 <400> 2265
 Lys Asn Glu Asn Asp
 1 5

 <210> 2266
 <211> 6
 <212> PRT
 <213> Artificial Sequence

 <220>
 <223> Representative cyclic modulating agent based on
 T-cadherin cell adhesion recognition sequence

 <400> 2266
 Lys Ile Asn Glu Asn Asp
 1 5

 <210> 2267
 <211> 6
 <212> PRT

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100

<220>

<400> 2267

<210> 2268

<211> 7

<212> PRT

<213> Artificial Sequence

 $\langle 220 \rangle$

<400> 2268

<210> 2269

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<400> 2269

<210> 2270

<211> 8

<212> PRT

<213> Artificial Sequence

$\langle 220 \rangle$

<400> 2270

<210> 2271

$\langle 211 \rangle$ 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on T-cadherin cell adhesion recognition sequence

<400> 2271

<210> 2272

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on

<400> 2272

<210> 2273

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on

<400> 2273

<210> 2274

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on

<400> 2274

<210> 2275

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on

<400> 2275

ne Arg I

100 111g 11c

<210> 2276
 <211> 10
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 T-cadherin cell adhesion recognition sequence

<400> 2276
 Lys Phe Arg Ile Asn Glu Asn Thr Gly Asp
 1 5 10

<210> 2277
 <211> 9
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 T-cadherin cell adhesion recognition sequence

<400> 2277
 Lys Ile Phe Arg Ile Asn Glu Asn Asp
 1 5

<210> 2278
 <211> 10
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 T-cadherin cell adhesion recognition sequence

<400> 2278
 Lys Ile Phe Arg Ile Asn Glu Asn Thr Asp
 1 5 10

<210> 2279
 <211> 11
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 T-cadherin cell adhesion recognition sequence

<400> 2279
 Lys Ile Phe Arg Ile Asn Glu Asn Thr Gly Asp
 1 5 10

<210> 2280
 <211> 5
 <212> PRT
 <213> Artificial Sequence

<223> Representative cyclic modulating agent based on
T-cadherin cell adhesion recognition sequence

<400> 2280

<210> 2281

$\langle 211 \rangle$ 5

<212> PRT

<213> Artificial Sequence

<223> Representative cyclic modulating agent based on T-cadherin cell adhesion recognition sequence

<400> 2281

<210> 2282

<211> 6

<212> PRT

<213> Artificial Sequence

<223> Representative cyclic modulating agent based on
T-cadherin cell adhesion recognition sequence

<400> 2282

<210> 2283

<211> 5

<212> PRT

<213> Artificial Sequence

<223> Representative cyclic modulating agent based on T-cadherin cell adhesion recognition sequence

<400> 2283

<210> 2284

<211> 6

<212> PRT

<213> Artificial Sequence

<223> Representative cyclic modulating agent based on
T-cadherin cell adhesion recognition sequence

<400> 2284

```

      <400> 2288
Lys Arg Ile Asn Glu Asn Glu
 1                               5
      <210> 2289
      <211> 7

```


<213> Artificial Sequence

<223> Representative cyclic modulating agent based on T-cadherin cell adhesion recognition sequence

Lys Ile Asn Glu Asn Thr Glu
1 5

<213> Artificial Sequence

<223> Representative cyclic modulating agent based on T-cadherin cell adhesion recognition sequence

Lys Arg Ile Asn Glu Asn Thr Glu
1 5

<213> Artificial Sequence

<223> Representative cyclic modulating agent based on T-cadherin cell adhesion recognition sequence

Lys Asn Glu Asn Thr Gly Glu
1 5

<213> Artificial Sequence

<223> Representative cyclic modulating agent based on T-cadherin cell adhesion recognition sequence

Lys Ile Asn Glu Asn Thr Gly Glu
1 5

<213> Artificial Sequence

 $\langle 220 \rangle$

<223> Representative cyclic modulating agent based on
T-cadherin cell adhesion recognition sequence

<400> 2293

Lys Arg Ile Asn Glu Asn Thr Gly Glu
1 5

<210> 2294

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
T-cadherin cell adhesion recognition sequence

<400> 2294

Lys Phe Arg Ile Asn Glu Asn Glu
1 5

<210> 2295

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
T-cadherin cell adhesion recognition sequence

<400> 2295

Lys Phe Arg Ile Asn Glu Asn Thr Glu
1 5

<210> 2296

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
T-cadherin cell adhesion recognition sequence

<400> 2296

Lys Phe Arg Ile Asn Glu Asn Thr Gly Glu
1 5 10

<210> 2297

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
T-cadherin cell adhesion recognition sequence

<400> 2297

Lys Ile Phe Arg Ile Asn Glu Asn Glu

5

<220>
<223> Representative cyclic modulating agent based on
T-cadherin cell adhesion recognition sequence

<220>
<223> Representative cyclic modulating agent based on
T-cadherin cell adhesion recognition sequence

<220>
<223> Representative cyclic modulating agent based on
PB-cadherin cell adhesion recognition sequence

<220>
<223> Representative cyclic modulating agent based on
PB-cadherin cell adhesion recognition sequence

```
<210> 2302
<211> 6
<212> PRT
```

$\langle 220 \rangle$

<400> 2302

<210> 2303

$\langle 211 \rangle$ 6

<212> PRT

<220>

<400> 2303

<210> 2304

<211> 7

<212> PRT

 $\langle 220 \rangle$

<400> 2304

<210> 2305

<211> 8

<212> PRT

 $\langle 220 \rangle$

<400> 2305

<210> 2306

<211> 7

<212> PRT

<220>

<223> Representative cyclic modulating agent based on PB-cadherin cell adhesion recognition sequence

<400> 2306
Cys Val Val Glu Glu Tyr Cys
1 5

<210> 2307
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
PB-cadherin cell adhesion recognition sequence

<400> 2307
Cys Val Val Glu Glu Tyr Thr Cys
1 5

<210> 2308
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
PB-cadherin cell adhesion recognition sequence

<400> 2308
Cys Val Val Glu Glu Tyr Thr Gly Cys
1 5

<210> 2309
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
PB-cadherin cell adhesion recognition sequence

<400> 2309
Cys Phe Val Val Glu Glu Tyr Cys
1 5

<210> 2310
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
PB-cadherin cell adhesion recognition sequence

<400> 2310
Cys Phe Val Glu Glu Tyr Thr Cys
1 5

Publ. No. 543

<220>
<223> Representative cyclic modulating agent based on
PB-cadherin cell adhesion recognition sequence

```

<400> 2311
ne Val Glu Glu Tyr Thr Gly Cys
      5
<210> 2312
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
      PB-cadherin cell adhesion recognition sequence

```

```
<210> 2312
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
PB-cadherin cell adhesion recognition sequence
```

```

<400> 2312
ne Phe Val Val Glu Glu Tyr Cys
      5
<210> 2313
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
      PB-cadherin cell adhesion recognition sequence

```

```
<210> 2313
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
PB-cadherin cell adhesion recognition sequence
```

```

<400> 2313
ne Phe Val Val Glu Glu Tyr Thr Cys
           5                      10

<210> 2314
<211> 11
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
      PB-cadherin cell adhesion recognition sequence

```

<210> 2314
<211> 11
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
PB-cadherin cell adhesion recognition sequence

```

<400> 2314
ne Phe Val Val Glu Glu Tyr Thr Gly Cys
          5                      10

<210> 2315
<211> 7
<212> PRT
<213> Artificial Sequence

```

```
<210> 2315
<211> 7
<212> PRT
<213> Artificial Sequence
```

<220>

<223> Representative cyclic modulating agent based on
PB-cadherin cell adhesion recognition sequence

<400> 2315

Cys Leu Ile Asp Glu Leu Cys
1 5

<210> 2316

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
PB-cadherin cell adhesion recognition sequence

<400> 2316

Cys Leu Ile Asp Glu Leu Thr Cys
1 5

<210> 2317

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
PB-cadherin cell adhesion recognition sequence

<400> 2317

Cys Leu Ile Asp Glu Leu Thr Gly Cys
1 5

<210> 2318

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
PB-cadherin cell adhesion recognition sequence

<400> 2318

Cys Phe Leu Ile Asp Glu Leu Cys
1 5

<210> 2319

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
PB-cadherin cell adhesion recognition sequence

<400> 2319

```

<210> 2320
<211> 10
<212> PRT
<213> Artificial Sequence

```

<220>
<223> Representative cyclic modulating agent based on
PB-cadherin cell adhesion recognition sequence

Cys Phe Leu Ile Asp Glu Leu Thr Gly Cys
1 5 10

```
<210> 2321
<211> 9
<212> PRT
<213> Artificial Sequence
```

<220>
<223> Representative cyclic modulating agent based on
PB-cadherin cell adhesion recognition sequence

Cys Ile Phe Leu Ile Asp Glu Leu Cys
1 5

```
<210> 2322
<211> 10
<212> PRT
<213> Artificial Sequence
```

<220>
<223> Representative cyclic modulating agent based on
PB-cadherin cell adhesion recognition sequence

Cys Ile Phe Leu Ile Asp Glu Leu Thr Cys
1 5 10

```
<210> 2323
<211> 11
<212> PRT
<213> Artificial Sequence
```

<220>
<223> Representative cyclic modulating agent based on
PB-cadherin cell adhesion recognition sequence

Cys Ile Phe Leu Ile Asp Glu Leu Thr Gly Cys
1 5 10

$$\begin{array}{ll} \langle 210 \rangle & 2324 \\ \langle 211 \rangle & 7 \end{array}$$

<212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 PB-cadherin cell adhesion recognition sequence

<400> 2324
 Cys Thr Val Asp Pro Lys Cys
 1 5

<210> 2325
 <211> 8
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 PB-cadherin cell adhesion recognition sequence

<400> 2325
 Cys Thr Val Asp Pro Lys Thr Cys
 1 5

<210> 2326
 <211> 9
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 PB-cadherin cell adhesion recognition sequence

<400> 2326
 Cys Thr Val Asp Pro Lys Thr Gly Cys
 1 5

<210> 2327
 <211> 8
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 PB-cadherin cell adhesion recognition sequence

<400> 2327
 Cys Phe Thr Val Asp Pro Lys Cys
 1 5

<210> 2328
 <211> 9
 <212> PRT
 <213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
PB-cadherin cell adhesion recognition sequence

<400> 2328

Cys Phe Thr Val Asp Pro Lys Thr Cys
1 5

<210> 2329

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
PB-cadherin cell adhesion recognition sequence

<400> 2329

Cys Phe Thr Val Asp Pro Lys Thr Gly Cys
1 5 10

<210> 2330

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
PB-cadherin cell adhesion recognition sequence

<400> 2330

Cys His Phe Thr Val Asp Pro Lys Cys
1 5

<210> 2331

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
PB-cadherin cell adhesion recognition sequence

<400> 2331

Cys His Phe Thr Val Asp Pro Lys Thr Cys
1 5 10

<210> 2332

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
PB-cadherin cell adhesion recognition sequence

<400> 2332

Cys His Phe Thr Val Asp Pro Lys Thr Gly Cys

1 5 10

<210> 2333
 <211> 5
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 PB-cadherin cell adhesion recognition sequence

<400> 2333
 Cys Asp Ala Asp Cys
 1 5

<210> 2334
 <211> 6
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 PB-cadherin cell adhesion recognition sequence

<400> 2334
 Cys Asp Ala Asp Thr Cys
 1 5

<210> 2335
 <211> 7
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 PB-cadherin cell adhesion recognition sequence

<400> 2335
 Cys Asp Ala Asp Thr Gly Cys
 1 5

<210> 2336
 <211> 6
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 PB-cadherin cell adhesion recognition sequence

<400> 2336
 Cys Ile Asp Ala Asp Cys
 1 5

<210> 2337
 <211> 7
 <212> PRT

Patent 6,223,000

<220>

<400> 2337

<210> 2338

<211> 8

<212> PRT

<220>

<400> 2338

<210> 2339

<211> 7

<212> PRT

 $\langle 220 \rangle$

<400> 2339

$\langle 210 \rangle$ 2340

$\langle 211 \rangle$ 8

<212> PRT

<220>

$\langle 400 \rangle$ 2340

 $\langle 210 \rangle$ 2341

<211> 9

<212> PRT

 $\langle 220 \rangle$

<223> Representative cyclic modulating agent based on PB-cadherin cell adhesion recognition sequence

<400> 2341

$\langle 211 \rangle$ 8

<213> Artificial Sequence

<223> Representative cyclic modulating agent based on
PB-cadherin cell adhesion recognition sequence

<400> 2342

<211> 9

<213> Artificial Sequence

<223> Representative cyclic modulating agent based on
PB-cadherin cell adhesion recognition sequence

<400> 2343

<211> 10

<213> Artificial Sequence

<223> Representative cyclic modulating agent based on
PB-cadherin cell adhesion recognition sequence

<400> 2344

<211> 9

<213> Artificial Sequence

<223> Representative cyclic modulating agent based on PB-cadherin cell adhesion recognition sequence

<400> 2345

<210> 2346
 <211> 10
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 PB-cadherin cell adhesion recognition sequence

<400> 2346
 Cys Ile Phe Asp Ile Asp Ala Asp Thr Cys
 1 5 10

<210> 2347
 <211> 11
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 PB-cadherin cell adhesion recognition sequence

<400> 2347
 Cys Ile Phe Asp Ile Asp Ala Asp Thr Gly Cys
 1 5 10

<210> 2348
 <211> 5
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 PB-cadherin cell adhesion recognition sequence

<400> 2348
 Glu Glu Glu Tyr Lys
 1 5

<210> 2349
 <211> 6
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 PB-cadherin cell adhesion recognition sequence

<400> 2349
 Glu Glu Glu Tyr Thr Lys
 1 5

<210> 2350
 <211> 7
 <212> PRT
 <213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
PB-cadherin cell adhesion recognition sequence

<400> 2350

Glu Glu Glu Tyr Thr Gly Lys
1 5

<210> 2351

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
PB-cadherin cell adhesion recognition sequence

<400> 2351

Glu Val Glu Glu Tyr Lys
1 5

<210> 2352

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
PB-cadherin cell adhesion recognition sequence

<400> 2352

Glu Val Glu Glu Tyr Thr Lys
1 5

<210> 2353

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
PB-cadherin cell adhesion recognition sequence

<400> 2353

Glu Val Glu Glu Tyr Thr Gly Lys
1 5

<210> 2354

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
PB-cadherin cell adhesion recognition sequence

<400> 2354

63001

Glu Val Val Glu Glu Tyr Lys
1 5

<210> 2355
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
PB-cadherin cell adhesion recognition sequence

<400> 2355

Glu Val Val Glu Glu Tyr Thr Lys
1 5

<210> 2356
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
PB-cadherin cell adhesion recognition sequence

<400> 2356

Glu Val Val Glu Glu Tyr Thr Gly Lys
1 5

<210> 2357
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
PB-cadherin cell adhesion recognition sequence

<400> 2357

Glu Phe Val Val Glu Glu Tyr Lys
1 5

<210> 2358
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
PB-cadherin cell adhesion recognition sequence

<400> 2358

Glu Phe Val Glu Glu Tyr Thr Lys
1 5

<210> 2359
<211> 9

40066642404

<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
PB-cadherin cell adhesion recognition sequence

<400> 2359
Glu Phe Val Glu Glu Tyr Thr Gly Lys
1 5

<210> 2360
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
PB-cadherin cell adhesion recognition sequence

<400> 2360
Glu Phe Phe Val Val Glu Glu Tyr Lys
1 5

<210> 2361
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
PB-cadherin cell adhesion recognition sequence

<400> 2361
Glu Phe Phe Val Val Glu Glu Tyr Thr Lys
1 5 10

<210> 2362
<211> 11
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
PB-cadherin cell adhesion recognition sequence

<400> 2362
Glu Phe Phe Val Val Glu Glu Tyr Thr Gly Lys
1 5 10

<210> 2363
<211> 5
<212> PRT
<213> Artificial Sequence

<220>

10059942004

<223> Representative cyclic modulating agent based on
PB-cadherin cell adhesion recognition sequence

<400> 2363
Glu Asp Glu Leu Lys
1 5

<210> 2364
<211> 6
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
PB-cadherin cell adhesion recognition sequence

<400> 2364
Glu Asp Glu Leu Thr Lys
1 5

<210> 2365
<211> 7
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
PB-cadherin cell adhesion recognition sequence

<400> 2365
Glu Asp Glu Leu Thr Gly Lys
1 5

<210> 2366
<211> 6
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
PB-cadherin cell adhesion recognition sequence

<400> 2366
Glu Ile Asp Glu Leu Lys
1 5

<210> 2367
<211> 7
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
PB-cadherin cell adhesion recognition sequence

<400> 2367
Glu Ile Asp Glu Leu Thr Lys

5

<220>
<223> Representative cyclic modulating agent based on
PB-cadherin cell adhesion recognition sequence

<220>
<223> Representative cyclic modulating agent based on
PB-cadherin cell adhesion recognition sequence

<220>
<223> Representative cyclic modulating agent based on
PB-cadherin cell adhesion recognition sequence

<220>
<223> Representative cyclic modulating agent based on
PB-cadherin cell adhesion recognition sequence

| | |
|-------|------|
| <210> | 2372 |
| <211> | 8 |
| <212> | PRT |

$\langle 220 \rangle$

<400> 2372

<210> 2373

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<400> 2373

<210> 2374

<211> 10

<212> PRT

<213> Artificial Sequence

 $\langle 220 \rangle$

<400> 2374

<210> 2375

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<400> 2375

<210> 2376

<211> 10

<212> PRT

<213> Artificial Sequence

 $\langle 220 \rangle$

<223> Representative cyclic modulating agent based on
PB-cadherin cell adhesion recognition sequence

<400> 2376
 Glu Ile Phe Leu Ile Asp Glu Leu Thr Lys
 1 5 10

<210> 2377
 <211> 11
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 PB-cadherin cell adhesion recognition sequence

<400> 2377
 Glu Ile Phe Leu Ile Asp Glu Leu Thr Gly Lys
 1 5 10

<210> 2378
 <211> 5
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 PB-cadherin cell adhesion recognition sequence

<400> 2378
 Glu Asp Pro Lys Lys
 1 5

<210> 2379
 <211> 6
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 PB-cadherin cell adhesion recognition sequence

<400> 2379
 Glu Asp Pro Lys Thr Lys
 1 5

<210> 2380
 <211> 7
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 PB-cadherin cell adhesion recognition sequence

<400> 2380
 Glu Asp Pro Lys Thr Gly Lys
 1 5

400666-400666

<210> 2381
 <211> 6
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 PB-cadherin cell adhesion recognition sequence

<400> 2381
 Glu Val Asp Pro Lys Lys
 1 5

<210> 2382
 <211> 7
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 PB-cadherin cell adhesion recognition sequence

<400> 2382
 Glu Val Asp Pro Lys Thr Lys
 1 5

<210> 2383
 <211> 8
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 PB-cadherin cell adhesion recognition sequence

<400> 2383
 Glu Val Asp Pro Lys Thr Gly Lys
 1 5

<210> 2384
 <211> 7
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 PB-cadherin cell adhesion recognition sequence

<400> 2384
 Glu Thr Val Asp Pro Lys Lys
 1 5

<210> 2385
 <211> 8
 <212> PRT
 <213> Artificial Sequence

Publ. No. 5990001

<223> Representative cyclic modulating agent based on PB-cadherin cell adhesion recognition sequence

Glu Thr Val Asp Pro Lys Thr Lys
1 5

<213> Artificial Sequence

<223> Representative cyclic modulating agent based on PB-cadherin cell adhesion recognition sequence

Glu Thr Val Asp Pro Lys Thr Gly Lys
1 5

<213> Artificial Sequence

<223> Representative cyclic modulating agent based on
PB-cadherin cell adhesion recognition sequence

Glu Phe Thr Val Asp Pro Lys Lys
1 5

<213> Artificial Sequence

<223> Representative cyclic modulating agent based on
PB-cadherin cell adhesion recognition sequence

Glu Phe Thr Val Asp Pro Lys Thr Lys
1 5

<213> Artificial Sequence

<223> Representative cyclic modulating agent based on PB-cadherin cell adhesion recognition sequence

<400> 2389

Glu Phe Thr Val Asp Pro Lys Thr Gly Lys
1 5 10

<210> 2390

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
PB-cadherin cell adhesion recognition sequence

<400> 2390

Glu His Phe Thr Val Asp Pro Lys Lys
1 5

<210> 2391

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
PB-cadherin cell adhesion recognition sequence

<400> 2391

Glu His Phe Thr Val Asp Pro Lys Thr Lys
1 5 10

<210> 2392

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
PB-cadherin cell adhesion recognition sequence

<400> 2392

Glu His Phe Thr Val Asp Pro Lys Thr Gly Lys
1 5 10

<210> 2393

<211> 5

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
PB-cadherin cell adhesion recognition sequence

<400> 2393

Glu Asp Ala Asp Lys
1 5

<210> 2394

<211> 6

#200706239001

<213> Artificial Sequence

<223> Representative cyclic modulating agent based on PB-cadherin cell adhesion recognition sequence

Glu Asp Ala Asp Thr Lys
1 5

$\langle 211 \rangle$ 7

<213> Artificial Sequence

<223> Representative cyclic modulating agent based on PB-cadherin cell adhesion recognition sequence

Glu Asp Ala Asp Thr Gly Lys
1 5

 $\langle 211 \rangle$ 6

<213> Artificial Sequence

<223> Representative cyclic modulating agent based on PB-cadherin cell adhesion recognition sequence

Glu Ile Asp Ala Asp Lys
1 5

$\langle 211 \rangle$ 7

<213> Artificial Sequence

<223> Representative cyclic modulating agent based on
PB-cadherin cell adhesion recognition sequence

Glu Ile Asp Ala Asp Thr Lys
1 5

<211> 8

<213> Artificial Sequence

 $\langle 220 \rangle$

<223> Representative cyclic modulating agent based on
PB-cadherin cell adhesion recognition sequence

<400> 2398

Glu Ile Asp Ala Asp Thr Gly Lys
1 5

<210> 2399

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
PB-cadherin cell adhesion recognition sequence

<400> 2399

Glu Asp Ile Asp Ala Asp Lys
1 5

<210> 2400

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
PB-cadherin cell adhesion recognition sequence

<400> 2400

Glu Asp Ile Asp Ala Asp Thr Lys
1 5

<210> 2401

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
PB-cadherin cell adhesion recognition sequence

<400> 2401

Glu Asp Ile Asp Ala Asp Thr Gly Lys
1 5

<210> 2402

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
PB-cadherin cell adhesion recognition sequence

<400> 2402

Glu Phe Asp Ile Asp Ala Asp Lys

100694001

1 5

<210> 2403
 <211> 9
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 PB-cadherin cell adhesion recognition sequence

<400> 2403
 Glu Phe Asp Ile Asp Ala Asp Thr Lys
 1 5

<210> 2404
 <211> 10
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 PB-cadherin cell adhesion recognition sequence

<400> 2404
 Glu Phe Asp Ile Asp Ala Asp Thr Gly Lys
 1 5 10

<210> 2405
 <211> 9
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 PB-cadherin cell adhesion recognition sequence

<400> 2405
 Glu Ile Phe Asp Ile Asp Ala Asp Lys
 1 5

<210> 2406
 <211> 10
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 PB-cadherin cell adhesion recognition sequence

<400> 2406
 Glu Ile Phe Asp Ile Asp Ala Asp Thr Lys
 1 5 10

<210> 2407
 <211> 11
 <212> PRT

Publ. No. 693001

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
PB-cadherin cell adhesion recognition sequence

<400> 2407

Glu Ile Phe Asp Ile Asp Ala Asp Thr Gly Lys
1 5 10

<210> 2408

<211> 5

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
PB-cadherin cell adhesion recognition sequence

<400> 2408

Lys Glu Glu Tyr Asp
1 5

<210> 2409

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
PB-cadherin cell adhesion recognition sequence

<400> 2409

Lys Glu Glu Tyr Thr Asp
1 5

<210> 2410

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
PB-cadherin cell adhesion recognition sequence

<400> 2410

Lys Glu Glu Tyr Thr Gly Asp
1 5

<210> 2411

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
PB-cadherin cell adhesion recognition sequence

<400> 2411
Lys Val Glu Glu Tyr Asp
1 5

<210> 2412
<211> 7
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
PB-cadherin cell adhesion recognition sequence

<400> 2412
Lys Val Glu Glu Tyr Thr Asp
1 5

<210> 2413
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
PB-cadherin cell adhesion recognition sequence

<400> 2413
Lys Val Glu Glu Tyr Thr Gly Asp
1 5

<210> 2414
<211> 7
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
PB-cadherin cell adhesion recognition sequence

<400> 2414
Lys Val Val Glu Glu Tyr Asp
1 5

<210> 2415
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
PB-cadherin cell adhesion recognition sequence

<400> 2415
Lys Val Val Glu Glu Tyr Thr Asp
1 5

<210> 2416
 <211> 9
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 PB-cadherin cell adhesion recognition sequence

<400> 2416
 Lys Val Val Glu Glu Tyr Thr Gly Asp
 1 5

<210> 2417
 <211> 8
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 PB-cadherin cell adhesion recognition sequence

<400> 2417
 Lys Phe Val Val Glu Glu Tyr Asp
 1 5

<210> 2418
 <211> 8
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 PB-cadherin cell adhesion recognition sequence

<400> 2418
 Lys Phe Val Glu Glu Tyr Thr Asp
 1 5

<210> 2419
 <211> 9
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 PB-cadherin cell adhesion recognition sequence

<400> 2419
 Lys Phe Val Glu Glu Tyr Thr Gly Asp
 1 5

<210> 2420
 <211> 9
 <212> PRT
 <213> Artificial Sequence

Top Secret

<220>

<223> Representative cyclic modulating agent based on
PB-cadherin cell adhesion recognition sequence

<400> 2420

Lys Phe Phe Val Val Glu Glu Tyr Asp
1 5

<210> 2421

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
PB-cadherin cell adhesion recognition sequence

<400> 2421

Lys Phe Phe Val Val Glu Glu Tyr Thr Asp
1 5 10

<210> 2422

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
PB-cadherin cell adhesion recognition sequence

<400> 2422

Lys Phe Phe Val Val Glu Glu Tyr Thr Gly Asp
1 5 10

<210> 2423

<211> 5

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
PB-cadherin cell adhesion recognition sequence

<400> 2423

Lys Asp Glu Leu Asp
1 5

<210> 2424

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
PB-cadherin cell adhesion recognition sequence

<400> 2424

Lys Asp Glu Leu Thr Asp
1 5

<210> 2425
<211> 7
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
PB-cadherin cell adhesion recognition sequence

<400> 2425

Lys Asp Glu Leu Thr Gly Asp
1 5

<210> 2426
<211> 6
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
PB-cadherin cell adhesion recognition sequence

<400> 2426

Lys Ile Asp Glu Leu Asp
1 5

<210> 2427
<211> 7
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
PB-cadherin cell adhesion recognition sequence

<400> 2427

Lys Ile Asp Glu Leu Thr Asp
1 5

<210> 2428
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
PB-cadherin cell adhesion recognition sequence

<400> 2428

Lys Ile Asp Glu Leu Thr Gly Asp
1 5

<210> 2429
<211> 7

1006994204

<212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 PB-cadherin cell adhesion recognition sequence

<400> 2429
 Lys Leu Ile Asp Glu Leu Asp
 1 5

<210> 2430
 <211> 8
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 PB-cadherin cell adhesion recognition sequence

<400> 2430
 Lys Leu Ile Asp Glu Leu Thr Asp
 1 5

<210> 2431
 <211> 9
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 PB-cadherin cell adhesion recognition sequence

<400> 2431
 Lys Leu Ile Asp Glu Leu Thr Gly Asp
 1 5

<210> 2432
 <211> 8
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 PB-cadherin cell adhesion recognition sequence

<400> 2432
 Lys Phe Leu Ile Asp Glu Leu Asp
 1 5

<210> 2433
 <211> 9
 <212> PRT
 <213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
PB-cadherin cell adhesion recognition sequence

<400> 2433

Lys Phe Leu Ile Asp Glu Leu Thr Asp
1 5

<210> 2434

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
PB-cadherin cell adhesion recognition sequence

<400> 2434

Lys Phe Leu Ile Asp Glu Leu Thr Gly Asp
1 5 10

<210> 2435

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
PB-cadherin cell adhesion recognition sequence

<400> 2435

Lys Ile Phe Leu Ile Asp Glu Leu Asp
1 5

<210> 2436

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
PB-cadherin cell adhesion recognition sequence

<400> 2436

Lys Ile Phe Leu Ile Asp Glu Leu Thr Asp
1 5 10

<210> 2437

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
PB-cadherin cell adhesion recognition sequence

<400> 2437

Lys Ile Phe Leu Ile Asp Glu Leu Thr Gly Asp

| | | |
|-------------|---|----|
| 1 | 5 | 10 |
| | <210> 2438 | |
| | <211> 5 | |
| | <212> PRT | |
| | <213> Artificial Sequence | |
| | <220> | |
| | <223> Representative cyclic modulating agent based on PB-cadherin cell adhesion recognition sequence | |
| | <400> 2438 | |
| Lys Asp Pro | Lys Asp | |
| 1 | 5 | |
| | <210> 2439 | |
| | <211> 6 | |
| | <212> PRT | |
| | <213> Artificial Sequence | |
| | <220> | |
| | <223> Representative cyclic modulating agent based on PB-cadherin cell adhesion recognition sequence | |
| | <400> 2439 | |
| Lys Asp Pro | Lys Thr Asp | |
| 1 | 5 | |
| | <210> 2440 | |
| | <211> 7 | |
| | <212> PRT | |
| | <213> Artificial Sequence | |
| | <220> | |
| | <223> Representative cyclic modulating agent based on PB-cadherin cell adhesion recognition sequence | |
| | <400> 2440 | |
| Lys Asp Pro | Lys Thr Gly Asp | |
| 1 | 5 | |
| | <210> 2441 | |
| | <211> 6 | |
| | <212> PRT | |
| | <213> Artificial Sequence | |
| | <220> | |
| | <223> Representative cyclic modulating agent based on PB-cadherin cell adhesion recognition sequence | |
| | <400> 2441 | |
| Lys Val Asp | Pro Lys Asp | |
| 1 | 5 | |
| | <210> 2442 | |
| | <211> 7 | |
| | <212> PRT | |

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
PB-cadherin cell adhesion recognition sequence

<400> 2442

Lys Val Asp Pro Lys Thr Asp
1 5

<210> 2443

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
PB-cadherin cell adhesion recognition sequence

<400> 2443

Lys Val Asp Pro Lys Thr Gly Asp
1 5

<210> 2444

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
PB-cadherin cell adhesion recognition sequence

<400> 2444

Lys Thr Val Asp Pro Lys Asp
1 5

<210> 2445

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
PB-cadherin cell adhesion recognition sequence

<400> 2445

Lys Thr Val Asp Pro Lys Thr Asp
1 5

<210> 2446

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
PB-cadherin cell adhesion recognition sequence

<210> 2451
 <211> 10
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 PB-cadherin cell adhesion recognition sequence

<400> 2451
 Lys His Phe Thr Val Asp Pro Lys Thr Asp
 1 5 10

<210> 2452
 <211> 11
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 PB-cadherin cell adhesion recognition sequence

<400> 2452
 Lys His Phe Thr Val Asp Pro Lys Thr Gly Asp
 1 5 10

<210> 2453
 <211> 5
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 PB-cadherin cell adhesion recognition sequence

<400> 2453
 Lys Asp Ala Asp Asp
 1 5

<210> 2454
 <211> 6
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 PB-cadherin cell adhesion recognition sequence

<400> 2454
 Lys Asp Ala Asp Thr Asp
 1 5

<210> 2455
 <211> 7
 <212> PRT
 <213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
PB-cadherin cell adhesion recognition sequence

<400> 2455

Lys Asp Ala Asp Thr Gly Asp
1 5

<210> 2456

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
PB-cadherin cell adhesion recognition sequence

<400> 2456

Lys Ile Asp Ala Asp Asp
1 5

<210> 2457

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
PB-cadherin cell adhesion recognition sequence

<400> 2457

Lys Ile Asp Ala Asp Thr Asp
1 5

<210> 2458

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
PB-cadherin cell adhesion recognition sequence

<400> 2458

Lys Ile Asp Ala Asp Thr Gly Asp
1 5

<210> 2459

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
PB-cadherin cell adhesion recognition sequence

<400> 2459

Lys Asp Ile Asp Ala Asp Asp
1 5

<210> 2460
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
PB-cadherin cell adhesion recognition sequence

<400> 2460

Lys Asp Ile Asp Ala Asp Thr Asp
1 5

<210> 2461
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
PB-cadherin cell adhesion recognition sequence

<400> 2461

Lys Asp Ile Asp Ala Asp Thr Gly Asp
1 5

<210> 2462
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
PB-cadherin cell adhesion recognition sequence

<400> 2462

Lys Phe Asp Ile Asp Ala Asp Asp
1 5

<210> 2463
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
PB-cadherin cell adhesion recognition sequence

<400> 2463

Lys Phe Asp Ile Asp Ala Asp Thr Asp
1 5

<210> 2464
<211> 10

Patent # 6,339,004

<212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 PB-cadherin cell adhesion recognition sequence

<400> 2464
 Lys Phe Asp Ile Asp Ala Asp Thr Gly Asp
 1 5 10

<210> 2465
 <211> 9
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 PB-cadherin cell adhesion recognition sequence

<400> 2465
 Lys Ile Phe Asp Ile Asp Ala Asp Asp
 1 5

<210> 2466
 <211> 10
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 PB-cadherin cell adhesion recognition sequence

<400> 2466
 Lys Ile Phe Asp Ile Asp Ala Asp Thr Asp
 1 5 10

<210> 2467
 <211> 11
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 PB-cadherin cell adhesion recognition sequence

<400> 2467
 Lys Ile Phe Asp Ile Asp Ala Asp Thr Gly Asp
 1 5 10

<210> 2468
 <211> 5
 <212> PRT
 <213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
PB-cadherin cell adhesion recognition sequence

<400> 2468
Asp Glu Glu Tyr Lys
1 5

<210> 2469
<211> 6
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
PB-cadherin cell adhesion recognition sequence

<400> 2469
Asp Glu Glu Tyr Thr Lys
1 5

<210> 2470
<211> 7
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
PB-cadherin cell adhesion recognition sequence

<400> 2470
Asp Glu Glu Tyr Thr Gly Lys
1 5

<210> 2471
<211> 6
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
PB-cadherin cell adhesion recognition sequence

<400> 2471
Asp Val Glu Glu Tyr Lys
1 5

<210> 2472
<211> 7
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
PB-cadherin cell adhesion recognition sequence

<400> 2472
Asp Val Glu Glu Tyr Thr Lys

4000636-1000

1

5

<210> 2473
 <211> 8
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 PB-cadherin cell adhesion recognition sequence

<400> 2473

Asp Val Glu Glu Tyr Thr Gly Lys
 1 5

<210> 2474
 <211> 7
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 PB-cadherin cell adhesion recognition sequence

<400> 2474

Asp Val Val Glu Glu Tyr Lys
 1 5

<210> 2475
 <211> 8
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 PB-cadherin cell adhesion recognition sequence

<400> 2475

Asp Val Val Glu Glu Tyr Thr Lys
 1 5

<210> 2476
 <211> 9
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 PB-cadherin cell adhesion recognition sequence

<400> 2476

Asp Val Val Glu Glu Tyr Thr Gly Lys
 1 5

<210> 2477
 <211> 8
 <212> PRT

Publ. No. 693900T

<400> 2481
 Asp Phe Phe Val Val Glu Glu Tyr Thr Lys
 1 5 10

<210> 2482
 <211> 11
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 PB-cadherin cell adhesion recognition sequence

<400> 2482
 Asp Phe Phe Val Val Glu Glu Tyr Thr Gly Lys
 1 5 10

<210> 2483
 <211> 5
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 PB-cadherin cell adhesion recognition sequence

<400> 2483
 Asp Asp Glu Leu Lys
 1 5

<210> 2484
 <211> 6
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 PB-cadherin cell adhesion recognition sequence

<400> 2484
 Asp Asp Glu Leu Thr Lys
 1 5

<210> 2485
 <211> 7
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 PB-cadherin cell adhesion recognition sequence

<400> 2485
 Asp Asp Glu Leu Thr Gly Lys
 1 5

4006349-1000000

<220>
<223> Representative cyclic modulating agent based on
PB-cadherin cell adhesion recognition sequence

```
<210> 2500
<211> 7
<212> PRT
<213> Artificial Sequence
```

<220>
<223> Representative cyclic modulating agent based on
PB-cadherin cell adhesion recognition sequence

```
<210> 2501
<211> 6
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
PB-cadherin cell adhesion recognition sequence
```

```
<210> 2502
<211> 7
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
PB-cadherin cell adhesion recognition sequence
```

```
<210> 2503
<211> 8
<212> PRT
<213> Artificial Sequence
<220>
```

<223> Representative cyclic modulating agent based on
PB-cadherin cell adhesion recognition sequence

<400> 2503

Asp Val Thr Pro Lys Thr Gly Lys
1 5

<210> 2504

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
PB-cadherin cell adhesion recognition sequence

<400> 2504

Asp Thr Val Asp Pro Lys Lys
1 5

<210> 2505

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
PB-cadherin cell adhesion recognition sequence

<400> 2505

Asp Thr Val Asp Pro Lys Thr Lys
1 5

<210> 2506

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
PB-cadherin cell adhesion recognition sequence

<400> 2506

Asp Thr Val Asp Pro Lys Thr Gly Lys
1 5

<210> 2507

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
PB-cadherin cell adhesion recognition sequence

<400> 2507

Asp Phe Thr Val Asp Pro Lys Lys

1 5
 <210> 2508
 <211> 9
 <212> PRT
 <213> Artificial Sequence

 <220>
 <223> Representative cyclic modulating agent based on
 PB-cadherin cell adhesion recognition sequence

 <400> 2508
 Asp Phe Thr Val Asp Pro Lys Thr Lys
 1 5

 <210> 2509
 <211> 10
 <212> PRT
 <213> Artificial Sequence

 <220>
 <223> Representative cyclic modulating agent based on
 PB-cadherin cell adhesion recognition sequence

 <400> 2509
 Asp Phe Thr Val Asp Pro Lys Thr Gly Lys
 1 5 10

 <210> 2510
 <211> 9
 <212> PRT
 <213> Artificial Sequence

 <220>
 <223> Representative cyclic modulating agent based on
 PB-cadherin cell adhesion recognition sequence

 <400> 2510
 Asp His Phe Thr Val Asp Pro Lys Lys
 1 5

 <210> 2511
 <211> 10
 <212> PRT
 <213> Artificial Sequence

 <220>
 <223> Representative cyclic modulating agent based on
 PB-cadherin cell adhesion recognition sequence

 <400> 2511
 Asp His Phe Thr Val Asp Pro Lys Thr Lys
 1 5 10

 <210> 2512
 <211> 11
 <212> PRT

Patent 5,333,004

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
PB-cadherin cell adhesion recognition sequence

<400> 2512

Asp His Phe Thr Val Asp Pro Lys Thr Gly Lys
1 5 10

<210> 2513

<211> 5

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
PB-cadherin cell adhesion recognition sequence

<400> 2513

Asp Asp Ala Asp Lys
1 5

<210> 2514

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
PB-cadherin cell adhesion recognition sequence

<400> 2514

Asp Asp Ala Asp Thr Lys
1 5

<210> 2515

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
PB-cadherin cell adhesion recognition sequence

<400> 2515

Asp Asp Ala Asp Thr Gly Lys
1 5

<210> 2516

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
PB-cadherin cell adhesion recognition sequence

1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26
27
28
29
30
31
32
33
34
35
36
37
38
39
40
41
42
43
44
45
46
47
48
49
50
51
52
53
54
55
56
57
58
59
60
61
62
63
64
65
66
67
68
69
70
71
72
73
74
75
76
77
78
79
80
81
82
83
84
85
86
87
88
89
90
91
92
93
94
95
96
97
98
99
100
101
102
103
104
105
106
107
108
109
110
111
112
113
114
115
116
117
118
119
120
121
122
123
124
125
126
127
128
129
130
131
132
133
134
135
136
137
138
139
140
141
142
143
144
145
146
147
148
149
150
151
152
153
154
155
156
157
158
159
160
161
162
163
164
165
166
167
168
169
170
171
172
173
174
175
176
177
178
179
180
181
182
183
184
185
186
187
188
189
190
191
192
193
194
195
196
197
198
199
200
201
202
203
204
205
206
207
208
209
210
211
212
213
214
215
216
217
218
219
220
221
222
223
224
225
226
227
228
229
230
231
232
233
234
235
236
237
238
239
240
241
242
243
244
245
246
247
248
249
250
251
252
253
254
255
256
257
258
259
260
261
262
263
264
265
266
267
268
269
270
271
272
273
274
275
276
277
278
279
280
281
282
283
284
285
286
287
288
289
290
291
292
293
294
295
296
297
298
299
300
301
302
303
304
305
306
307
308
309
310
311
312
313
314
315
316
317
318
319
320
321
322
323
324
325
326
327
328
329
330
331
332
333
334
335
336
337
338
339
340
341
342
343
344
345
346
347
348
349
350
351
352
353
354
355
356
357
358
359
360
361
362
363
364
365
366
367
368
369
370
371
372
373
374
375
376
377
378
379
380
381
382
383
384
385
386
387
388
389
390
391
392
393
394
395
396
397
398
399
400
401
402
403
404
405
406
407
408
409
410
411
412
413
414
415
416
417
418
419
420
421
422
423
424
425
426
427
428
429
430
431
432
433
434
435
436
437
438
439
440
441
442
443
444
445
446
447
448
449
450
451
452
453
454
455
456
457
458
459
460
461
462
463
464
465
466
467
468
469
470
471
472
473
474
475
476
477
478
479
480
481
482
483
484
485
486
487
488
489
490
491
492
493
494
495
496
497
498
499
500
501
502
503
504
505
506
507
508
509
510
511
512
513
514
515
516
517
518
519
520
521
522
523
524
525
526
527
528
529
530
531
532
533
534
535
536
537
538
539
540
541
542
543
544
545
546
547
548
549
550
551
552
553
554
555
556
557
558
559
560
561
562
563
564
565
566
567
568
569
570
571
572
573
574
575
576
577
578
579
580
581
582
583
584
585
586
587
588
589
590
591
592
593
594
595
596
597
598
599
600
601
602
603
604
605
606
607
608
609
610
611
612
613
614
615
616
617
618
619
620
621
622
623
624
625
626
627
628
629
630
631
632
633
634
635
636
637
638
639
640
641
642
643
644
645
646
647
648
649
650
651
652
653
654
655
656
657
658
659
660
661
662
663
664
665
666
667
668
669
670
671
672
673
674
675
676
677
678
679
680
681
682
683
684
685
686
687
688
689
690
691
692
693
694
695
696
697
698
699
700
701
702
703
704
705
706
707
708
709
710
711
712
713
714
715
716
717
718
719
720
721
722
723
724
725
726
727
728
729
730
731
732
733
734
735
736
737
738
739
740
741
742
743
744
745
746
747
748
749
750
751
752
753
754
755
756
757
758
759
760
761
762
763
764
765
766
767
768
769
770
771
772
773
774
775
776
777
778
779
780
781
782
783
784
785
786
787
788
789
790
791
792
793
794
795
796
797
798
799
800
801
802
803
804
805
806
807
808
809
810
811
812
813
814
815
816
817
818
819
820
821
822
823
824
825
826
827
828
829
830
831
832
833
834
835
836
837
838
839
840
841
842
843
844
845
846
847
848
849
850
851
852
853
854
855
856
857
858
859
860
861
862
863
864
865
866
867
868
869
870
871
872
873
874
875
876
877
878
879
880
881
882
883
884
885
886
887
888
889
890
891
892
893
894
895
896
897
898
899
900
901
902
903
904
905
906
907
908
909
910
911
912
913
914
915
916
917
918
919
920
921
922
923
924
925
926
927
928
929
930
931
932
933
934
935
936
937
938
939
940
941
942
943
944
945
946
947
948
949
950
951
952
953
954
955
956
957
958
959
960
961
962
963
964
965
966
967
968
969
970
971
972
973
974
975
976
977
978
979
980
981
982
983
984
985
986
987
988
989
990
991
992
993
994
995
996
997
998
999
1000

<400> 2516
 Asp Ile Asp Ala Asp Lys
 1 5

<210> 2517
 <211> 7
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 PB-cadherin cell adhesion recognition sequence

<400> 2517
 Asp Ile Asp Ala Asp Thr Lys
 1 5

<210> 2518
 <211> 8
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 PB-cadherin cell adhesion recognition sequence

<400> 2518
 Asp Ile Asp Ala Asp Thr Gly Lys
 1 5

<210> 2519
 <211> 7
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 PB-cadherin cell adhesion recognition sequence

<400> 2519
 Asp Asp Ile Asp Ala Asp Lys
 1 5

<210> 2520
 <211> 8
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 PB-cadherin cell adhesion recognition sequence

<400> 2520
 Asp Asp Ile Asp Ala Asp Thr Lys
 1 5

400 2516 2517 2518 2519 2520

<210> 2521
 <211> 9
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 PB-cadherin cell adhesion recognition sequence

<400> 2521
 Asp Asp Ile Asp Ala Asp Thr Gly Lys
 1 5

<210> 2522
 <211> 8
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 PB-cadherin cell adhesion recognition sequence

<400> 2522
 Asp Phe Asp Ile Asp Ala Asp Lys
 1 5

<210> 2523
 <211> 9
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 PB-cadherin cell adhesion recognition sequence

<400> 2523
 Asp Phe Asp Ile Asp Ala Asp Thr Lys
 1 5

<210> 2524
 <211> 10
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 PB-cadherin cell adhesion recognition sequence

<400> 2524
 Asp Phe Asp Ile Asp Ala Asp Thr Gly Lys
 1 5 10

<210> 2525
 <211> 9
 <212> PRT
 <213> Artificial Sequence

Patent # 6,333,000

<220>

<223> Representative cyclic modulating agent based on
PB-cadherin cell adhesion recognition sequence

<400> 2525

Asp Ile Phe Asp Ile Asp Ala Asp Lys
1 5

<210> 2526

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
PB-cadherin cell adhesion recognition sequence

<400> 2526

Asp Ile Phe Asp Ile Asp Ala Asp Thr Lys
1 5 10

<210> 2527

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
PB-cadherin cell adhesion recognition sequence

<400> 2527

Asp Ile Phe Asp Ile Asp Ala Asp Thr Gly Lys
1 5 10

<210> 2528

<211> 5

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
PB-cadherin cell adhesion recognition sequence

<400> 2528

Lys Glu Glu Tyr Glu
1 5

<210> 2529

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
PB-cadherin cell adhesion recognition sequence

<400> 2529

Lys Glu Glu Tyr Thr Glu
1 5

<210> 2530
<211> 7
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
PB-cadherin cell adhesion recognition sequence

<400> 2530

Lys Glu Glu Tyr Thr Gly Glu
1 5

<210> 2531
<211> 6
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
PB-cadherin cell adhesion recognition sequence

<400> 2531

Lys Val Glu Glu Tyr Glu
1 5

<210> 2532
<211> 7
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
PB-cadherin cell adhesion recognition sequence

<400> 2532

Lys Val Glu Glu Tyr Thr Glu
1 5

<210> 2533
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
PB-cadherin cell adhesion recognition sequence

<400> 2533

Lys Val Glu Glu Tyr Thr Gly Glu
1 5

<210> 2534
<211> 7

<400> 2538
Lys Phe Val Glu Glu Tyr Thr Glu
1 5

<220>
<223> Representative cyclic modulating agent based on
PB-cadherin cell adhesion recognition sequence

```
<210> 2540
<211> 9
<212> PRT
<213> Artificial Sequence
```

<220>
<223> Representative cyclic modulating agent based on
PB-cadherin cell adhesion recognition sequence

```
<210> 2541
<211> 10
<212> PRT
<213> Artificial Sequence
```

<220>
<223> Representative cyclic modulating agent based on
PB-cadherin cell adhesion recognition sequence

```
<210> 2542
<211> 11
<212> PRT
<213> Artificial Sequence
```

<220>
<223> Representative cyclic modulating agent based on
PB-cadherin cell adhesion recognition sequence

<400> 2542
Lys Phe Phe Val Val Glu Glu Tyr Thr Gly Glu

| 1 | 5 | 10 |
|-----------------------------|--|----|
| <210> | 2543 | |
| <211> | 5 | |
| <212> | PRT | |
| <213> | Artificial Sequence | |
| <220> | | |
| <223> | Representative cyclic modulating agent based on PB-cadherin cell adhesion recognition sequence | |
| <400> | 2543 | |
| Lys Asp Glu Leu Glu | | |
| 1 | 5 | |
| <210> | 2544 | |
| <211> | 6 | |
| <212> | PRT | |
| <213> | Artificial Sequence | |
| <220> | | |
| <223> | Representative cyclic modulating agent based on PB-cadherin cell adhesion recognition sequence | |
| <400> | 2544 | |
| Lys Asp Glu Leu Thr Glu | | |
| 1 | 5 | |
| <210> | 2545 | |
| <211> | 7 | |
| <212> | PRT | |
| <213> | Artificial Sequence | |
| <220> | | |
| <223> | Representative cyclic modulating agent based on PB-cadherin cell adhesion recognition sequence | |
| <400> | 2545 | |
| Lys Asp Glu Leu Thr Gly Glu | | |
| 1 | 5 | |
| <210> | 2546 | |
| <211> | 6 | |
| <212> | PRT | |
| <213> | Artificial Sequence | |
| <220> | | |
| <223> | Representative cyclic modulating agent based on PB-cadherin cell adhesion recognition sequence | |
| <400> | 2546 | |
| Lys Ile Asp Glu Leu Glu | | |
| 1 | 5 | |
| <210> | 2547 | |
| <211> | 7 | |
| <212> | PRT | |

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100

$\langle 220 \rangle$

<400> 2547

<210> 2548

<211> 8

<212> PRT

<220>

<400> 2548

<210> 2549

$\langle 211 \rangle$ 7

<212> PRT

<220>

<400> 2549

<210> 2550

<211> 8

<212> PRT

$\langle 220 \rangle$

<400> 2550

<210> 2551

<211> 9

<212> PRT

$\langle 220 \rangle$

<223> Representative cyclic modulating agent based on PB-cadherin cell adhesion recognition sequence

<400> 2551
 Lys Leu Ile Asp Glu Leu Thr Gly Glu
 1 5

<210> 2552
 <211> 8
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 PB-cadherin cell adhesion recognition sequence

<400> 2552
 Lys Phe Leu Ile Asp Glu Leu Glu
 1 5

<210> 2553
 <211> 9
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 PB-cadherin cell adhesion recognition sequence

<400> 2553
 Lys Phe Leu Ile Asp Glu Leu Thr Glu
 1 5

<210> 2554
 <211> 10
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 PB-cadherin cell adhesion recognition sequence

<400> 2554
 Lys Phe Leu Ile Asp Glu Leu Thr Gly Glu
 1 5 10

<210> 2555
 <211> 9
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 PB-cadherin cell adhesion recognition sequence

<400> 2555
 Lys Ile Phe Leu Ile Asp Glu Leu Glu
 1 5

Patent 6,933,007

<210> 2556
 <211> 10
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 PB-cadherin cell adhesion recognition sequence

<400> 2556
 Lys Ile Phe Leu Ile Asp Glu Leu Thr Glu
 1 5 10

<210> 2557
 <211> 11
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 PB-cadherin cell adhesion recognition sequence

<400> 2557
 Lys Ile Phe Leu Ile Asp Glu Leu Thr Gly Glu
 1 5 10

<210> 2558
 <211> 5
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 PB-cadherin cell adhesion recognition sequence

<400> 2558
 Lys Asp Pro Lys Glu
 1 5

<210> 2559
 <211> 6
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 PB-cadherin cell adhesion recognition sequence

<400> 2559
 Lys Asp Pro Lys Thr Glu
 1 5

<210> 2560
 <211> 7
 <212> PRT
 <213> Artificial Sequence

4006350007

<220>

<223> Representative cyclic modulating agent based on
PB-cadherin cell adhesion recognition sequence

<400> 2560

Lys Asp Pro Lys Thr Gly Glu
1 5

<210> 2561

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
PB-cadherin cell adhesion recognition sequence

<400> 2561

Lys Val Asp Pro Lys Glu
1 5

<210> 2562

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
PB-cadherin cell adhesion recognition sequence

<400> 2562

Lys Val Asp Pro Lys Thr Glu
1 5

<210> 2563

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
PB-cadherin cell adhesion recognition sequence

<400> 2563

Lys Asp Pro Lys Thr Gly Glu
1 5

<210> 2564

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
PB-cadherin cell adhesion recognition sequence

<400> 2564

Lys Thr Val Asp Pro Lys Glu
1 5

<210> 2565
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
PB-cadherin cell adhesion recognition sequence

<400> 2565

Lys Thr Val Asp Pro Lys Thr Glu
1 5

<210> 2566
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
PB-cadherin cell adhesion recognition sequence

<400> 2566

Lys Thr Val Asp Pro Lys Thr Gly Glu
1 5

<210> 2567
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
PB-cadherin cell adhesion recognition sequence

<400> 2567

Lys Phe Thr Val Asp Pro Lys Glu
1 5

<210> 2568
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
PB-cadherin cell adhesion recognition sequence

<400> 2568

Lys Phe Thr Val Asp Pro Lys Thr Glu
1 5

<210> 2569
<211> 10

400666 635000

<213> Artificial Sequence

<223> Representative cyclic modulating agent based on PB-cadherin cell adhesion recognition sequence

Lys Phe Thr Val Asp Pro Lys Thr Gly Glu
1 5 10

$\langle 211 \rangle$ 9

<213> Artificial Sequence

<223> Representative cyclic modulating agent based on PB-cadherin cell adhesion recognition sequence

Lys His Phe Thr Val Asp Pro Lys Glu
1 5

<211> 10

<213> Artificial Sequence

<223> Representative cyclic modulating agent based on PB-cadherin cell adhesion recognition sequence

Lys His Phe Thr Val Asp Pro Lys Thr Glu
1 5 10

<211> 11

<213> Artificial Sequence

<223> Representative cyclic modulating agent based on PB-cadherin cell adhesion recognition sequence

Lys His Phe Thr Val Asp Pro Lys Thr Gly Glu
1 5 10

<211> 5

<213> Artificial Sequence

 $\langle 220 \rangle$

<400> 2573
Lys Asp Ala Asp Glu
1 5

<220>
<223> Representative cyclic modulating agent based on
PB-cadherin cell adhesion recognition sequence

```
<210> 2575
<211> 7
<212> PRT
<213> Artificial Sequence
```

<220>
<223> Representative cyclic modulating agent based on
PB-cadherin cell adhesion recognition sequence

```
<210> 2576
<211> 6
<212> PRT
<213> Artificial Sequence
```

<220>
<223> Representative cyclic modulating agent based on
PB-cadherin cell adhesion recognition sequence

```
<210> 2577
<211> 7
<212> PRT
<213> Artificial Sequence
```

<220>
<223> Representative cyclic modulating agent based on
PB-cadherin cell adhesion recognition sequence

<400> 2577
Lys Ile Asp Ala Asp Thr Glu

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
PB-cadherin cell adhesion recognition sequence

<400> 2582

Lys Phe Asp Ile Asp Ala Asp Glu
1 5

<210> 2583

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
PB-cadherin cell adhesion recognition sequence

<400> 2583

Lys Phe Asp Ile Asp Ala Asp Thr Glu
1 5

<210> 2584

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
PB-cadherin cell adhesion recognition sequence

<400> 2584

Lys Phe Asp Ile Asp Ala Asp Thr Gly Glu
1 5 10

<210> 2585

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
PB-cadherin cell adhesion recognition sequence

<400> 2585

Lys Ile Phe Asp Ile Asp Ala Asp Glu
1 5

<210> 2586

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
PB-cadherin cell adhesion recognition sequence

Patent # 6,930,007

<400> 2586
 Lys Ile Phe Asp Ile Asp Ala Asp Thr Glu
 1 5 10

<210> 2587
 <211> 11
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 PB-cadherin cell adhesion recognition sequence

<400> 2587
 Lys Ile Phe Asp Ile Asp Ala Asp Thr Gly Glu
 1 5 10

<210> 2588
 <211> 5
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 PB-cadherin cell adhesion recognition sequence

<400> 2588
 Val Glu Glu Tyr Thr
 1 5

<210> 2589
 <211> 6
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 PB-cadherin cell adhesion recognition sequence

<400> 2589
 Val Glu Glu Tyr Thr Gly
 1 5

<210> 2590
 <211> 5
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 PB-cadherin cell adhesion recognition sequence

<400> 2590
 Val Val Glu Glu Tyr
 1 5

Publ. No. 6330007

<210> 2591
 <211> 6
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 PB-cadherin cell adhesion recognition sequence

<400> 2591
 Val Val Glu Glu Tyr Thr
 1 5

<210> 2592
 <211> 7
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 PB-cadherin cell adhesion recognition sequence

<400> 2592
 Val Val Glu Glu Tyr Thr Gly
 1 5

<210> 2593
 <211> 6
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 PB-cadherin cell adhesion recognition sequence

<400> 2593
 Phe Val Val Glu Glu Tyr
 1 5

<210> 2594
 <211> 6
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 PB-cadherin cell adhesion recognition sequence

<400> 2594
 Phe Val Glu Glu Tyr Thr
 1 5

<210> 2595
 <211> 7
 <212> PRT
 <213> Artificial Sequence

Publ. No. 6939001

<220>

<223> Representative cyclic modulating agent based on
PB-cadherin cell adhesion recognition sequence

<400> 2595

Phe Val Glu Glu Tyr Thr Gly
1 5

<210> 2596

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
PB-cadherin cell adhesion recognition sequence

<400> 2596

Phe Phe Val Val Glu Glu Tyr
1 5

<210> 2597

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
PB-cadherin cell adhesion recognition sequence

<400> 2597

Phe Phe Val Val Glu Glu Tyr Thr
1 5

<210> 2598

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
PB-cadherin cell adhesion recognition sequence

<400> 2598

Phe Phe Val Val Glu Glu Tyr Thr Gly
1 5

<210> 2599

<211> 5

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
PB-cadherin cell adhesion recognition sequence

<400> 2599

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100

```
<210> 2600
<211> 6
<212> PRT
<213> Artificial Sequence
```

<220>
<223> Representative cyclic modulating agent based on
PB-cadherin cell adhesion recognition sequence

<400> 2600

```
<210> 2601
<211> 7
<212> PRT
<213> Artificial Sequence
```

<220>
<223> Representative cyclic modulating agent based on
PB-cadherin cell adhesion recognition sequence

<400> 2601

```
<210> 2602
<211> 6
<212> PRT
<213> Artificial Sequence
```

<220>
<223> Representative cyclic modulating agent based on
PB-cadherin cell adhesion recognition sequence

<400> 2602

```
<210> 2603
<211> 7
<212> PRT
<213> Artificial Sequence
```

<220>
<223> Representative cyclic modulating agent based on
PB-cadherin cell adhesion recognition sequence

<400> 2603

$$\begin{array}{ll} \langle 210 \rangle & 2604 \\ \langle 211 \rangle & 8 \end{array}$$

<212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 PB-cadherin cell adhesion recognition sequence

<400> 2604
 Phe Leu Ile Asp Glu Leu Thr Gly
 1 5

<210> 2605
 <211> 7
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 PB-cadherin cell adhesion recognition sequence

<400> 2605
 Ile Phe Leu Ile Asp Glu Leu
 1 5

<210> 2606
 <211> 8
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 PB-cadherin cell adhesion recognition sequence

<400> 2606
 Ile Phe Leu Ile Asp Glu Leu Thr
 1 5

<210> 2607
 <211> 9
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 PB-cadherin cell adhesion recognition sequence

<400> 2607
 Ile Phe Leu Ile Asp Glu Leu Thr Gly
 1 5

<210> 2608
 <211> 5
 <212> PRT
 <213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
PB-cadherin cell adhesion recognition sequence

<400> 2608
Thr Val Asp Pro Lys
1 5

<210> 2609
<211> 6
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
PB-cadherin cell adhesion recognition sequence

<400> 2609
Thr Val Asp Pro Lys Thr
1 5

<210> 2610
<211> 7
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
PB-cadherin cell adhesion recognition sequence

<400> 2610
Thr Val Asp Pro Lys Thr Gly
1 5

<210> 2611
<211> 6
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
PB-cadherin cell adhesion recognition sequence

<400> 2611
Phe Thr Val Asp Pro Lys
1 5

<210> 2612
<211> 7
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
PB-cadherin cell adhesion recognition sequence

<400> 2612
Phe Thr Val Asp Pro Lys Thr

5

<220>
<223> Representative cyclic modulating agent based on
PB-cadherin cell adhesion recognition sequence

Phe Thr Val Asp Pro Lys Thr Gly
1 5

<220>
<223> Representative cyclic modulating agent based on
PB-cadherin cell adhesion recognition sequence

His Phe Thr Val Asp Pro Lys
1 5

<220>
<223> Representative cyclic modulating agent based on
PB-cadherin cell adhesion recognition sequence

His Phe Thr Val Asp Pro Lys Thr
1 5

<220>
<223> Representative cyclic modulating agent based on
PB-cadherin cell adhesion recognition sequence

His Phe Thr Val Asp Pro Lys Thr Gly
1 5

```
<210> 2617
<211> 5
<212> PRT
```

$\langle 220 \rangle$

<400> 2617

<210> 2618

<211> 5

<212> PRT

<220>

<400> 2618

<210> 2619

$\langle 211 \rangle$ 6

<212> PRT

<220>

<400> 2619

<210> 2620

 $\langle 211 \rangle$ 5

<212> PRT

<220>

<400> 2620

<210> 2621

<211> 6

<212> PRT

 $\langle 220 \rangle$

<223> Representative cyclic modulating agent based on PB-cadherin cell adhesion recognition sequence

<400> 2621
 Asp Ile Asp Ala Asp Thr
 1 5

<210> 2622
 <211> 7
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 PB-cadherin cell adhesion recognition sequence

<400> 2622
 Asp Ile Asp Ala Asp Thr Gly
 1 5

<210> 2623
 <211> 6
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 PB-cadherin cell adhesion recognition sequence

<400> 2623
 Phe Asp Ile Asp Ala Asp
 1 5

<210> 2624
 <211> 7
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 PB-cadherin cell adhesion recognition sequence

<400> 2624
 Phe Asp Ile Asp Ala Asp Thr
 1 5

<210> 2625
 <211> 8
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 PB-cadherin cell adhesion recognition sequence

<400> 2625
 Phe Asp Ile Asp Ala Asp Thr Gly
 1 5

Publ. No. 693900F

<210> 2626
 <211> 7
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 PB-cadherin cell adhesion recognition sequence

<400> 2626
 Ile Phe Asp Ile Asp Ala Asp
 1 5

<210> 2627
 <211> 8
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 PB-cadherin cell adhesion recognition sequence

<400> 2627
 Ile Phe Asp Ile Asp Ala Asp Thr
 1 5

<210> 2628
 <211> 9
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 PB-cadherin cell adhesion recognition sequence

<400> 2628
 Ile Phe Asp Ile Asp Ala Asp Thr Gly
 1 5

<210> 2629
 <211> 5
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 LI-cadherin cell adhesion recognition sequence

<400> 2629
 Cys Asn Asn Lys Cys
 1 5

<210> 2630
 <211> 6
 <212> PRT
 <213> Artificial Sequence

4005884699001

<213> Artificial Sequence

<223> Representative cyclic modulating agent based on
LI-cadherin cell adhesion recognition sequence

Cys Phe Gln Ile Asn Asn Lys Thr Cys
1 5

$\langle 211 \rangle$ 10

<213> Artificial Sequence

<223> Representative cyclic modulating agent based on
LI-cadherin cell adhesion recognition sequence

Cys Phe Gln Ile Asn Asn Lys Thr Gly Cys
1 5 10

<211> 9

<213> Artificial Sequence

<223> Representative cyclic modulating agent based on
LI-cadherin cell adhesion recognition sequence

Cys Tyr Phe Gln Ile Asn Asn Lys Cys
1 5

<211> 10

<213> Artificial Sequence

<223> Representative cyclic modulating agent based on
LI-cadherin cell adhesion recognition sequence

Cys Tyr Phe Gln Ile Asn Asn Lys Thr Cys
1 5 10

<211> 11

<213> Artificial Sequence

<220>

<400> 2643
Cys Tyr Phe Gln Ile Asn Asn Lys Thr Gly Cys
1 5 10

<220>
<223> Representative cyclic modulating agent based on
LI-cadherin cell adhesion recognition sequence

```
<210> 2645
<211> 6
<212> PRT
<213> Artificial Sequence
```

<220>
<223> Representative cyclic modulating agent based on
LI-cadherin cell adhesion recognition sequence

```
<210> 2646
<211> 7
<212> PRT
<213> Artificial Sequence
```

<220>
<223> Representative cyclic modulating agent based on
LI-cadherin cell adhesion recognition sequence

```
<210> 2647
<211> 6
<212> PRT
<213> Artificial Sequence
```

<220>
<223> Representative cyclic modulating agent based on
LI-cadherin cell adhesion recognition sequence

<400> 2647
Glu Ile Asn Asn Lys Lys

5

<220>
<223> Representative cyclic modulating agent based on
LI-cadherin cell adhesion recognition sequence

<400> 2648
le Asn Asn Lys Thr Lys
5

<220>
<223> Representative cyclic modulating agent based on
LI-cadherin cell adhesion recognition sequence

<400> 2649
le Asn Asn Lys Thr Gly Lys
5

<220>
<223> Representative cyclic modulating agent based on
LI-cadherin cell adhesion recognition sequence

<400> 2650
ln Ile Asn Asn Lys Lys
5

<220>
<223> Representative cyclic modulating agent based on
LI-cadherin cell adhesion recognition sequence

<400> 2651
ln Ile Asn Asn Lys Thr Lys
5

```
<210> 2652
<211> 9
<212> PRT
```

$\langle 220 \rangle$

<400> 2652

<210> 2653

<212> PRT

<220>

<400> 2653

<210> 2654

<211> 9

<212> PRT

 $\langle 220 \rangle$

<400> 2654

<210> 2655

<211> 10

<212> PRT

<220>

<400> 2655

<210> 2656

<211> 9

<212> PRT

<220>

<223> Representative cyclic modulating agent based on
LI-cadherin cell adhesion recognition sequence

<400> 2656

<211> 10

<213> Artificial Sequence

<223> Representative cyclic modulating agent based on
LI-cadherin cell adhesion recognition sequence

<400> 2657

<211> 11

<213> Artificial Sequence

<223> Representative cyclic modulating agent based on
LI-cadherin cell adhesion recognition sequence

<400> 2658

<211> 5

<213> Artificial Sequence

<223> Representative cyclic modulating agent based on
LI-cadherin cell adhesion recognition sequence

<400> 2659

<211> 6

<213> Artificial Sequence

<223> Representative cyclic modulating agent based on
LI-cadherin cell adhesion recognition sequence

<400> 2660

<220>
<223> Representative cyclic modulating agent based on
LI-cadherin cell adhesion recognition sequence

```

<400> 2661
sn Asn Lys Thr Gly Asp
      5
<210> 2662
<211> 6
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
      LI-cadherin cell adhesion recognition sequence

```

```
<210> 2662
<211> 6
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
      LI-cadherin cell adhesion recognition sequence
```

```

<400> 2662
Le Asn Asn Lys Asp
      5
<210> 2663
<211> 7
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
      LI-cadherin cell adhesion recognition sequence

```

```
<210> 2663
<211> 7
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
      LI-cadherin cell adhesion recognition sequence
```

<220>
<223> Representative cyclic modulating agent based on
LI-cadherin cell adhesion recognition sequence

```

<400> 2663
Le Asn Asn Lys Thr Asp
      5
<210> 2664
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
      LI-cadherin cell adhesion recognition sequence

```

```
<210> 2664
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
      LI-cadherin cell adhesion recognition sequence
```

<220>
<223> Representative cyclic modulating agent based on
LI-cadherin cell adhesion recognition sequence

```
<400> 2664
e Asn Asn Lys Thr Gly Asp
      5

<210> 2665
<211> 7
<212> PRT
<213> Artificial Sequence
```

```
<210> 2665
<211> 7
<212> PRT
<213> Artificial Sequence
```

<220>

<223> Representative cyclic modulating agent based on
LI-cadherin cell adhesion recognition sequence

<400> 2665

Lys Gln Ile Asn Asn Lys Asp
1 5

<210> 2666

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
LI-cadherin cell adhesion recognition sequence

<400> 2666

Lys Gln Ile Asn Asn Lys Thr Asp
1 5

<210> 2667

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
LI-cadherin cell adhesion recognition sequence

<400> 2667

Lys Gln Ile Asn Asn Lys Thr Gly Asp
1 5

<210> 2668

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
LI-cadherin cell adhesion recognition sequence

<400> 2668

Lys Phe Gln Ile Asn Asn Lys Asp
1 5

<210> 2669

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
LI-cadherin cell adhesion recognition sequence

<400> 2669

```
<210> 2670
<211> 10
<212> PRT
<213> Artificial Sequence
```

<220>
<223> Representative cyclic modulating agent based on
LI-cadherin cell adhesion recognition sequence

<400> 2670

```
<210> 2671
<211> 9
<212> PRT
<213> Artificial Sequence
```

<220>
<223> Representative cyclic modulating agent based on
LI-cadherin cell adhesion recognition sequence

<400> 2671

```
<210> 2672
<211> 10
<212> PRT
<213> Artificial Sequence
```

<220>
<223> Representative cyclic modulating agent based on
LI-cadherin cell adhesion recognition sequence

<400> 2672

```
<210> 2673
<211> 11
<212> PRT
<213> Artificial Sequence
```

<220>
<223> Representative cyclic modulating agent based on
LI-cadherin cell adhesion recognition sequence

<400> 2673

| | |
|-------|------|
| <210> | 2674 |
| <211> | 5 |

<212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 LI-cadherin cell adhesion recognition sequence

<400> 2674
 Asp Asn Asn Lys Lys
 1 5

<210> 2675
 <211> 6
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 LI-cadherin cell adhesion recognition sequence

<400> 2675
 Asp Asn Asn Lys Thr Lys
 1 5

<210> 2676
 <211> 7
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 LI-cadherin cell adhesion recognition sequence

<400> 2676
 Asp Asn Asn Lys Thr Gly Lys
 1 5

<210> 2677
 <211> 6
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 LI-cadherin cell adhesion recognition sequence

<400> 2677
 Asp Ile Asn Asn Lys Lys
 1 5

<210> 2678
 <211> 7
 <212> PRT
 <213> Artificial Sequence

<220>

<400> 2678
 Asp Ile Asn Asn Lys Thr Lys
 1 5

<220>
<223> Representative cyclic modulating agent based on
LI-cadherin cell adhesion recognition sequence

<400> 2679
Asp Ile Asn Asn Lys Thr Gly Lys
1 5

```
<210> 2680
<211> 7
<212> PRT
<213> Artificial Sequence
```

<220>
<223> Representative cyclic modulating agent based on
LI-cadherin cell adhesion recognition sequence

<400> 2680
 Asp Gln Ile Asn Asn Lys Lys
 1 5

```
<210> 2681
<211> 8
<212> PRT
<213> Artificial Sequence
```

<220>
<223> Representative cyclic modulating agent based on
LI-cadherin cell adhesion recognition sequence

<400> 2681
Asp Gln Ile Asn Asn Lys Thr Lys
1 5

```
<210> 2682
<211> 9
<212> PRT
<213> Artificial Sequence
```

<220>
<223> Representative cyclic modulating agent based on
LI-cadherin cell adhesion recognition sequence

<400> 2682
Asp Gln Ile Asn Asn Lys Thr Gly Lys

1 5
 <210> 2683
 <211> 8
 <212> PRT
 <213> Artificial Sequence

 <220>
 <223> Representative cyclic modulating agent based on
 LI-cadherin cell adhesion recognition sequence

 <400> 2683
 Asp Phe Gln Ile Asn Asn Lys Lys
 1 5

 <210> 2684
 <211> 9
 <212> PRT
 <213> Artificial Sequence

 <220>
 <223> Representative cyclic modulating agent based on
 LI-cadherin cell adhesion recognition sequence

 <400> 2684
 Asp Phe Gln Ile Asn Asn Lys Thr Lys
 1 5

 <210> 2685
 <211> 10
 <212> PRT
 <213> Artificial Sequence

 <220>
 <223> Representative cyclic modulating agent based on
 LI-cadherin cell adhesion recognition sequence

 <400> 2685
 Asp Phe Gln Ile Asn Asn Lys Thr Gly Lys
 1 5 10

 <210> 2686
 <211> 9
 <212> PRT
 <213> Artificial Sequence

 <220>
 <223> Representative cyclic modulating agent based on
 LI-cadherin cell adhesion recognition sequence

 <400> 2686
 Asp Tyr Phe Gln Ile Asn Asn Lys Lys
 1 5

 <210> 2687
 <211> 10
 <212> PRT

100669400
 400268300

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
LI-cadherin cell adhesion recognition sequence

<400> 2687

Asp Tyr Phe Gln Ile Asn Asn Lys Thr Lys
1 5 10

<210> 2688

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
LI-cadherin cell adhesion recognition sequence

<400> 2688

Asp Tyr Phe Gln Ile Asn Asn Lys Thr Gly Lys
1 5 10

<210> 2689

<211> 5

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
LI-cadherin cell adhesion recognition sequence

<400> 2689

Lys Asn Asn Lys Glu
1 5

<210> 2690

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
LI-cadherin cell adhesion recognition sequence

<400> 2690

Lys Asn Asn Lys Thr Glu
1 5

<210> 2691

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
LI-cadherin cell adhesion recognition sequence

400692-4007

<400> 2695
 Lys Gln Ile Asn Asn Lys Glu
 1 5

<213> Artificial Sequence

<223> Representative cyclic modulating agent based on
LI-cadherin cell adhesion recognition sequence

Lys Gln Ile Asn Asn Lys Thr Glu
1 5

<213> Artificial Sequence

<223> Representative cyclic modulating agent based on
LI-cadherin cell adhesion recognition sequence

Lys Gln Ile Asn Asn Lys Thr Gly Glu
1 5

<213> Artificial Sequence

<223> Representative cyclic modulating agent based on
LI-cadherin cell adhesion recognition sequence

Lys Phe Gln Ile Asn Asn Lys Glu
1 5

<213> Artificial Sequence

<223> Representative cyclic modulating agent based on
LI-cadherin cell adhesion recognition sequence

Lys Phe Gln Ile Asn Asn Lys Thr Glu
1 5

<213> Artificial Sequence

<223> Representative cyclic modulating agent based on
LI-cadherin cell adhesion recognition sequence

Lys Phe Gln Ile Asn Asn Lys Thr Gly Glu
1 5 10

<213> Artificial Sequence

<223> Representative cyclic modulating agent based on
LI-cadherin cell adhesion recognition sequence

Lys Tyr Phe Gln Ile Asn Asn Lys Glu
1 5

<213> Artificial Sequence

<223> Representative cyclic modulating agent based on
LI-cadherin cell adhesion recognition sequence

Lys Tyr Phe Gln Ile Asn Asn Lys Thr Glu
1 5 10

<213> Artificial Sequence

<223> Representative cyclic modulating agent based on
LI-cadherin cell adhesion recognition sequence

Lys Tyr Phe Gln Ile Asn Asn Lys Thr Gly Glu
1 5 10

<213> Artificial Sequence

<223> Representative cyclic modulating agent based on
LI-cadherin cell adhesion recognition sequence

<400> 2704

<210> 2709
<211> 7

<212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 LI-cadherin cell adhesion recognition sequence

<400> 2709
 Gln Ile Asn Asn Lys Thr Gly
 1 5

<210> 2710
 <211> 6
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 LI-cadherin cell adhesion recognition sequence

<400> 2710
 Phe Gln Ile Asn Asn Lys
 1 5

<210> 2711
 <211> 7
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 LI-cadherin cell adhesion recognition sequence

<400> 2711
 Phe Gln Ile Asn Asn Lys Thr
 1 5

<210> 2712
 <211> 8
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 LI-cadherin cell adhesion recognition sequence

<400> 2712
 Phe Gln Ile Asn Asn Lys Thr Gly
 1 5

<210> 2713
 <211> 7
 <212> PRT
 <213> Artificial Sequence

<220>

TOCT 6939001

<400> 2713
 Tyr Phe Gln Ile Asn Asn Lys
 1 5

<220>
<223> Representative cyclic modulating agent based on
LI-cadherin cell adhesion recognition sequence

```
<210> 2715
<211> 9
<212> PRT
<213> Artificial Sequence
```

<220>
<223> Representative cyclic modulating agent based on
LI-cadherin cell adhesion recognition sequence

```
<210> 2716
<211> 5
<212> PRT
<213> Artificial Sequence
```

<220>
<223> Representative cyclic modulating agent based on
Protocadherin cell adhesion recognition sequence

```
<210> 2717
<211> 6
<212> PRT
<213> Artificial Sequence
```

<220>
<223> Representative cyclic modulating agent based on
Protocadherin cell adhesion recognition sequence

<400> 2717
Cys Asp Leu Val Thr Cys

1 5

<210> 2718
 <211> 7
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 Protocadherin cell adhesion recognition sequence

<400> 2718
 Cys Asp Leu Val Thr Gly Cys
 1 5

<210> 2719
 <211> 6
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 Protocadherin cell adhesion recognition sequence

<400> 2719
 Cys Leu Asp Leu Val Cys
 1 5

<210> 2720
 <211> 7
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 Protocadherin cell adhesion recognition sequence

<400> 2720
 Cys Leu Asp Leu Val Thr Cys
 1 5

<210> 2721
 <211> 8
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 Protocadherin cell adhesion recognition sequence

<400> 2721
 Cys Leu Asp Leu Val Thr Gly Cys
 1 5

<210> 2722
 <211> 7
 <212> PRT

40064693004

<220>

<400> 2722

<210> 2723

$\langle 211 \rangle$ 8

<212> PRT

 $\langle 220 \rangle$

<400> 2723

<210> 2724

$\langle 211 \rangle$ 9

<212> PRT

<220>

<400> 2724

<210> 2725

<211> 8

<212> PRT

<220>

<400> 2725

<210> 2726

$\langle 211 \rangle$ 9

<212> PRT

 $\langle 220 \rangle$

<223> Representative cyclic modulating agent based on
Protocadherin cell adhesion recognition sequence

<400> 2726
 Cys Phe Ala Leu Asp Leu Val Thr Cys
 1 5

<210> 2727
 <211> 10
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 Protocadherin cell adhesion recognition sequence

<400> 2727
 Cys Phe Ala Leu Asp Leu Val Thr Gly Cys
 1 5 10

<210> 2728
 <211> 9
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 Protocadherin cell adhesion recognition sequence

<400> 2728
 Cys Leu Phe Ala Leu Asp Leu Val Cys
 1 5

<210> 2729
 <211> 10
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 Protocadherin cell adhesion recognition sequence

<400> 2729
 Cys Leu Phe Ala Leu Asp Leu Val Thr Cys
 1 5 10

<210> 2730
 <211> 11
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 Protocadherin cell adhesion recognition sequence

<400> 2730
 Cys Leu Phe Ala Leu Asp Leu Val Thr Gly Cys
 1 5 10

4006369-420404

<210> 2731
 <211> 5
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 Protocadherin cell adhesion recognition sequence

<400> 2731
 Cys Asn Arg Asp Cys
 1 5

<210> 2732
 <211> 6
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 Protocadherin cell adhesion recognition sequence

<400> 2732
 Cys Asn Arg Asp Asn Cys
 1 5

<210> 2733
 <211> 7
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 Protocadherin cell adhesion recognition sequence

<400> 2733
 Cys Asn Arg Asp Asn Gly Cys
 1 5

<210> 2734
 <211> 6
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 Protocadherin cell adhesion recognition sequence

<400> 2734
 Cys Ile Asn Arg Asp Cys
 1 5

<210> 2735
 <211> 7
 <212> PRT
 <213> Artificial Sequence

Publ. No. 692900F

<220>

<223> Representative cyclic modulating agent based on
Protocadherin cell adhesion recognition sequence

<400> 2735

Cys Ile Asn Arg Asp Asn Cys
1 5

<210> 2736

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
Protocadherin cell adhesion recognition sequence

<400> 2736

Cys Ile Asn Arg Asp Asn Gly Cys
1 5

<210> 2737

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
Protocadherin cell adhesion recognition sequence

<400> 2737

Cys Thr Ile Asn Arg Asp Cys
1 5

<210> 2738

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
Protocadherin cell adhesion recognition sequence

<400> 2738

Cys Thr Ile Asn Arg Asp Asn Cys
1 5

<210> 2739

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
Protocadherin cell adhesion recognition sequence

<400> 2739

<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
Protocadherin cell adhesion recognition sequence

<400> 2744
Cys Tyr Phe Thr Ile Asn Arg Asp Asn Cys
1 5 10

<210> 2745
<211> 11
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
Protocadherin cell adhesion recognition sequence

<400> 2745
Cys Tyr Phe Thr Ile Asn Arg Asp Asn Gly Cys
1 5 10

<210> 2746
<211> 5
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
Protocadherin cell adhesion recognition sequence

<400> 2746
Cys Asp Pro Ser Cys
1 5

<210> 2747
<211> 6
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
Protocadherin cell adhesion recognition sequence

<400> 2747
Cys Asp Pro Ser Ser Cys
1 5

<210> 2748
<211> 7
<212> PRT
<213> Artificial Sequence

<220>

1005996989001

<223> Representative cyclic modulating agent based on
Protocadherin cell adhesion recognition sequence

<400> 2748

Cys Asp Pro Ser Ser Gly Cys
1 5

<210> 2749

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
Protocadherin cell adhesion recognition sequence

<400> 2749

Cys Ile Asp Pro Ser Cys
1 5

<210> 2750

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
Protocadherin cell adhesion recognition sequence

<400> 2750

Cys Ile Asp Pro Ser Ser Cys
1 5

<210> 2751

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
Protocadherin cell adhesion recognition sequence

<400> 2751

Cys Ile Asp Pro Ser Ser Gly Cys
1 5

<210> 2752

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
Protocadherin cell adhesion recognition sequence

<400> 2752

Cys Glu Ile Asp Pro Ser Cys

5

<220>
<223> Representative cyclic modulating agent based on
Protocadherin cell adhesion recognition sequence

<400> 2753
lu Ile Asp Pro Ser Ser Cys
5

<220>
<223> Representative cyclic modulating agent based on
Protocadherin cell adhesion recognition sequence

<400> 2754
lu Ile Asp Pro Ser Ser Gly Cys
5

<220>
<223> Representative cyclic modulating agent based on
Protocadherin cell adhesion recognition sequence

<400> 2755
ne Glu Ile Asp Pro Ser Cys
5

<220>
<223> Representative cyclic modulating agent based on
Protocadherin cell adhesion recognition sequence

<400> 2756
ne Glu Ile Asp Pro Ser Ser Cys
5

```
<210> 2757
<211> 9
<212> PRT
```

$\langle 220 \rangle$

<400> 2757

<210> 2758

$\langle 211 \rangle$ 8

<212> PRT

 $\langle 220 \rangle$

<400> 2758

<210> 2759

$\langle 211 \rangle$ 9

<212> PRT

$\langle 220 \rangle$

<400> 2759

<210> 2760

$\langle 211 \rangle$ 10

<212> PRT

$\langle 220 \rangle$

<400> 2760

<210> 2761

$\langle 211 \rangle$ 9

<212> PRT

 $\langle 220 \rangle$

<223> Representative cyclic modulating agent based on
Protocadherin cell adhesion recognition sequence

<400> 2761
 Cys Leu Phe Glu Ile Asp Pro Ser Cys
 1 5

<210> 2762
 <211> 10
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 Protocadherin cell adhesion recognition sequence

<400> 2762
 Cys Leu Phe Glu Ile Asp Pro Ser Ser Cys
 1 5 10

<210> 2763
 <211> 11
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 Protocadherin cell adhesion recognition sequence

<400> 2763
 Cys Leu Phe Glu Ile Asp Pro Ser Ser Gly Cys
 1 5 10

<210> 2764
 <211> 5
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 Protocadherin cell adhesion recognition sequence

<400> 2764
 Glu Asp Leu Val Lys
 1 5

<210> 2765
 <211> 6
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 Protocadherin cell adhesion recognition sequence

<400> 2765
 Glu Asp Leu Val Thr Lys
 1 5

6939001

<210> 2766
 <211> 7
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 Protocadherin cell adhesion recognition sequence

<400> 2766
 Glu Asp Leu Val Thr Gly Lys
 1 5

<210> 2767
 <211> 6
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 Protocadherin cell adhesion recognition sequence

<400> 2767
 Glu Leu Asp Leu Val Lys
 1 5

<210> 2768
 <211> 7
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 Protocadherin cell adhesion recognition sequence

<400> 2768
 Glu Leu Asp Leu Val Thr Lys
 1 5

<210> 2769
 <211> 8
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 Protocadherin cell adhesion recognition sequence

<400> 2769
 Glu Leu Asp Leu Val Thr Gly Lys
 1 5

<210> 2770
 <211> 7
 <212> PRT
 <213> Artificial Sequence

Publ. No. 5939001

<220>

<223> Representative cyclic modulating agent based on
Protocadherin cell adhesion recognition sequence

<400> 2770

Glu Ala Leu Asp Leu Val Lys
1 5

<210> 2771

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
Protocadherin cell adhesion recognition sequence

<400> 2771

Glu Ala Leu Asp Leu Val Thr Lys
1 5

<210> 2772

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
Protocadherin cell adhesion recognition sequence

<400> 2772

Glu Ala Leu Asp Leu Val Thr Gly Lys
1 5

<210> 2773

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
Protocadherin cell adhesion recognition sequence

<400> 2773

Glu Phe Ala Leu Asp Leu Val Lys
1 5

<210> 2774

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
Protocadherin cell adhesion recognition sequence

<400> 2774

400 2774

Glu Phe Ala Leu Asp Leu Val Thr Lys
1 5

<210> 2775
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
Protocadherin cell adhesion recognition sequence

<400> 2775

Glu Phe Ala Leu Asp Leu Val Thr Gly Lys
1 5 10

<210> 2776
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
Protocadherin cell adhesion recognition sequence

<400> 2776

Glu Leu Phe Ala Leu Asp Leu Val Lys
1 5

<210> 2777
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
Protocadherin cell adhesion recognition sequence

<400> 2777

Glu Leu Phe Ala Leu Asp Leu Val Thr Lys
1 5 10

<210> 2778
<211> 11
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
Protocadherin cell adhesion recognition sequence

<400> 2778

Glu Leu Phe Ala Leu Asp Leu Val Thr Gly Lys
1 5 10

<210> 2779
<211> 5

400666-1204

<223> Representative cyclic modulating agent based on
Protocadherin cell adhesion recognition sequence

<400> 2783

Glu Ile Asn Arg Asp Asn Lys
1 5

<210> 2784

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
Protocadherin cell adhesion recognition sequence

<400> 2784

Glu Ile Asn Arg Asp Asn Gly Lys
1 5

<210> 2785

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
Protocadherin cell adhesion recognition sequence

<400> 2785

Glu Thr Ile Asn Arg Asp Lys
1 5

<210> 2786

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
Protocadherin cell adhesion recognition sequence

<400> 2786

Glu Thr Ile Asn Arg Asp Asn Lys
1 5

<210> 2787

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
Protocadherin cell adhesion recognition sequence

<400> 2787

Glu Thr Ile Asn Arg Asp Asn Gly Lys

1 5
 <210> 2788
 <211> 8
 <212> PRT
 <213> Artificial Sequence

 <220>
 <223> Representative cyclic modulating agent based on
 Protocadherin cell adhesion recognition sequence

 <400> 2788
 Glu Phe Thr Ile Asn Arg Asp Lys
 1 5

 <210> 2789
 <211> 9
 <212> PRT
 <213> Artificial Sequence

 <220>
 <223> Representative cyclic modulating agent based on
 Protocadherin cell adhesion recognition sequence

 <400> 2789
 Glu Phe Thr Ile Asn Arg Asp Asn Lys
 1 5

 <210> 2790
 <211> 10
 <212> PRT
 <213> Artificial Sequence

 <220>
 <223> Representative cyclic modulating agent based on
 Protocadherin cell adhesion recognition sequence

 <400> 2790
 Glu Phe Thr Ile Asn Arg Asp Asn Gly Lys
 1 5 10

 <210> 2791
 <211> 9
 <212> PRT
 <213> Artificial Sequence

 <220>
 <223> Representative cyclic modulating agent based on
 Protocadherin cell adhesion recognition sequence

 <400> 2791
 Glu Tyr Phe Thr Ile Asn Arg Asp Lys
 1 5

 <210> 2792
 <211> 10
 <212> PRT

Patent 6,393,007

<220>

<400> 2792

<210> 2793

<211> 11

<212> PRT

<220>

<400> 2793

<210> 2794

<211> 5

<212> PRT

$\langle 220 \rangle$

<400> 2794

<210> 2795

$\langle 211 \rangle$ 6

<212> PRT

<220>

<400> 2795

<210> 2796

<211> 7

<212> PRT

$\langle 220 \rangle$

<223> Representative cyclic modulating agent based on
Protocadherin cell adhesion recognition sequence

<210> 2801
 <211> 8
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 Protocadherin cell adhesion recognition sequence

<400> 2801
 Glu Ser Ile Asp Pro Lys Thr Lys
 1 5

<210> 2802
 <211> 9
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 Protocadherin cell adhesion recognition sequence

<400> 2802
 Glu Ser Ile Asp Pro Lys Thr Gly Lys
 1 5

<210> 2803
 <211> 8
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 Protocadherin cell adhesion recognition sequence

<400> 2803
 Glu Phe Ser Ile Asp Pro Lys Lys
 1 5

<210> 2804
 <211> 9
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 Protocadherin cell adhesion recognition sequence

<400> 2804
 Glu Phe Ser Ile Asp Pro Lys Thr Lys
 1 5

<210> 2805
 <211> 10
 <212> PRT
 <213> Artificial Sequence

Patent No. 6,438,441 B2

<223> Representative cyclic modulating agent based on
Protocadherin cell adhesion recognition sequence

Glu Phe Ser Ile Asp Pro Lys Thr Gly Lys
1 5 10

<213> Artificial Sequence

<223> Representative cyclic modulating agent based on
Protocadherin cell adhesion recognition sequence

Glu Leu Phe Ser Ile Asp Pro Lys Lys
1 5

<213> Artificial Sequence

<223> Representative cyclic modulating agent based on
Protocadherin cell adhesion recognition sequence

Glu Leu Phe Ser Ile Asp Pro Lys Thr Lys
1 5 10

<213> Artificial Sequence

<223> Representative cyclic modulating agent based on
Protocadherin cell adhesion recognition sequence

Glu Leu Phe Ser Ile Asp Pro Lys Thr Gly Lys
1 5 10

<213> Artificial Sequence

<223> Representative cyclic modulating agent based on
Protocadherin cell adhesion recognition sequence

<400> 2809

<400> 2818

<210> 2819

<212> PRT

<213> Artificial Sequence

<220>

<400> 2819

<210> 2820

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
Protocadherin cell adhesion recognition sequence

<400> 2820

<210> 2821

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
Protocadherin cell adhesion recognition sequence

<400> 2821

<210> 2822

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
Protocadherin cell adhesion recognition sequence

<400> 2822

Glu Phe Glu Ile Asp Pro Ser Ser Lys

1

5

<210> 2823
 <211> 10
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 Protocadherin cell adhesion recognition sequence

<400> 2823
 Glu Phe Glu Ile Asp Pro Ser Ser Gly Lys
 1 5 10

<210> 2824
 <211> 9
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 Protocadherin cell adhesion recognition sequence

<400> 2824
 Glu Leu Phe Glu Ile Asp Pro Ser Lys
 1 5

<210> 2825
 <211> 10
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 Protocadherin cell adhesion recognition sequence

<400> 2825
 Glu Leu Phe Glu Ile Asp Pro Ser Ser Lys
 1 5 10

<210> 2826
 <211> 11
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 Protocadherin cell adhesion recognition sequence

<400> 2826
 Glu Leu Phe Glu Ile Asp Pro Ser Ser Gly Lys
 1 5 10

<210> 2827
 <211> 5
 <212> PRT

44006550-120444

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
Protocadherin cell adhesion recognition sequence

<400> 2827

Lys Asp Leu Val Asp
1 5

<210> 2828

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
Protocadherin cell adhesion recognition sequence

<400> 2828

Lys Asp Leu Val Thr Asp
1 5

<210> 2829

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
Protocadherin cell adhesion recognition sequence

<400> 2829

Lys Asp Leu Val Thr Gly Asp
1 5

<210> 2830

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
Protocadherin cell adhesion recognition sequence

<400> 2830

Lys Leu Asp Leu Val Asp
1 5

<210> 2831

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
Protocadherin cell adhesion recognition sequence

400666 533000

<223> Representative cyclic modulating agent based on
Protocadherin cell adhesion recognition sequence

Lys Leu Phe Ala Leu Asp Leu Val Thr Asp
1 5 10

<213> Artificial Sequence

<223> Representative cyclic modulating agent based on
Protocadherin cell adhesion recognition sequence

Lys Leu Phe Ala Leu Asp Leu Val Thr Gly Asp
1 5 10

<213> Artificial Sequence

<223> Representative cyclic modulating agent based on
Protocadherin cell adhesion recognition sequence

Lys Asn Arg Asp Asp
1 5

<213> Artificial Sequence

<223> Representative cyclic modulating agent based on
Protocadherin cell adhesion recognition sequence

Lys Asn Arg Asp Asn Asp
1 5

<213> Artificial Sequence

<223> Representative cyclic modulating agent based on
Protocadherin cell adhesion recognition sequence

<400> 2844

<212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 Protocadherin cell adhesion recognition sequence

<400> 2849
 Lys Thr Ile Asn Arg Asp Asn Asp
 1 5

<210> 2850
 <211> 9
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 Protocadherin cell adhesion recognition sequence

<400> 2850
 Lys Thr Ile Asn Arg Asp Asn Gly Asp
 1 5

<210> 2851
 <211> 8
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 Protocadherin cell adhesion recognition sequence

<400> 2851
 Lys Phe Thr Ile Asn Arg Asp Asp
 1 5

<210> 2852
 <211> 9
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 Protocadherin cell adhesion recognition sequence

<400> 2852
 Lys Phe Thr Ile Asn Arg Asp Asn Asp
 1 5

<210> 2853
 <211> 10
 <212> PRT
 <213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
Protocadherin cell adhesion recognition sequence

<400> 2853

Lys Phe Thr Ile Asn Arg Asp Asn Gly Asp
1 5 10

<210> 2854

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
Protocadherin cell adhesion recognition sequence

<400> 2854

Lys Tyr Phe Thr Ile Asn Arg Asp Asp
1 5

<210> 2855

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
Protocadherin cell adhesion recognition sequence

<400> 2855

Lys Tyr Phe Thr Ile Asn Arg Asp Asn Asp
1 5 10

<210> 2856

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
Protocadherin cell adhesion recognition sequence

<400> 2856

Lys Tyr Phe Thr Ile Asn Arg Asp Asn Gly Asp
1 5 10

<210> 2857

<211> 5

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
Protocadherin cell adhesion recognition sequence

<400> 2857

Lys Asp Pro Lys Asp

<220>

<400> 2862

<210> 2863

$\langle 211 \rangle$ 7

<212> PRT

<213> Artificial Sequence

<220>

<400> 2863

<210> 2864

<211> 8

<212> PRT

<213> Artificial Sequence

 $\langle 220 \rangle$

<400> 2864

<210> 2865

$\langle 211 \rangle$ 9

<212> PRT

<213> Artificial Sequence

<220>

<400> 2865

<210> 2866

$\langle 211 \rangle$ 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
Protocadherin cell adhesion recognition sequence

<210> 2871
 <211> 11
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 Protocadherin cell adhesion recognition sequence

<400> 2871
 Lys Leu Phe Ser Ile Asp Pro Lys Thr Gly Asp
 1 5 10

<210> 2872
 <211> 5
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 Protocadherin cell adhesion recognition sequence

<400> 2872
 Lys Asp Pro Ser Asp
 1 5

<210> 2873
 <211> 6
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 Protocadherin cell adhesion recognition sequence

<400> 2873
 Lys Asp Pro Ser Ser Asp
 1 5

<210> 2874
 <211> 7
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 Protocadherin cell adhesion recognition sequence

<400> 2874
 Lys Asp Pro Ser Ser Gly Asp
 1 5

<210> 2875
 <211> 6
 <212> PRT
 <213> Artificial Sequence

Patent Office of the United States Department of Commerce

<220>

<223> Representative cyclic modulating agent based on
Protocadherin cell adhesion recognition sequence

<400> 2875

Lys Ile Asp Pro Ser Asp
1 5

<210> 2876

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
Protocadherin cell adhesion recognition sequence

<400> 2876

Lys Ile Asp Pro Ser Ser Asp
1 5

<210> 2877

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
Protocadherin cell adhesion recognition sequence

<400> 2877

Lys Ile Asp Pro Ser Ser Gly Asp
1 5

<210> 2878

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
Protocadherin cell adhesion recognition sequence

<400> 2878

Lys Glu Ile Asp Pro Ser Asp
1 5

<210> 2879

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
Protocadherin cell adhesion recognition sequence

<400> 2879

```
<210> 2880
<211> 9
<212> PRT
<213> Artificial Sequence
```

<220>
<223> Representative cyclic modulating agent based on
Protocadherin cell adhesion recognition sequence

<400> 2880

```
<210> 2881
<211> 8
<212> PRT
<213> Artificial Sequence
```

<220>
<223> Representative cyclic modulating agent based on
Protocadherin cell adhesion recognition sequence

<400> 2881

```
<210> 2882
<211> 9
<212> PRT
<213> Artificial Sequence
```

<220>
<223> Representative cyclic modulating agent based on
Protocadherin cell adhesion recognition sequence

<400> 2882

```
<210> 2883
<211> 7
<212> PRT
<213> Artificial Sequence
```

<220>
<223> Representative cyclic modulating agent based on
Protocadherin cell adhesion recognition sequence

<400> 2883

<210> 2884
<211> 8

<212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 Protocadherin cell adhesion recognition sequence

<400> 2884
 Asp Ile Ile Asn Glu Asn Thr Lys
 1 5

<210> 2885
 <211> 9
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 Protocadherin cell adhesion recognition sequence

<400> 2885
 Asp Phe Ile Ile Asn Glu Asn Thr Lys
 1 5

<210> 2886
 <211> 10
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 Protocadherin cell adhesion recognition sequence

<400> 2886
 Lys Phe Glu Ile Asp Pro Ser Ser Gly Asp
 1 5 10

<210> 2887
 <211> 9
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 Protocadherin cell adhesion recognition sequence

<400> 2887
 Lys Leu Phe Glu Ile Asp Pro Ser Asp
 1 5

<210> 2888
 <211> 10
 <212> PRT
 <213> Artificial Sequence

<220>

Publ. No. 6390004

<400> 2888
 Lys Leu Phe Glu Ile Asp Pro Ser Ser Asp
 1 5 10

<211> 11

<212> PRT

<213> Artificial Sequence

 $\langle 220 \rangle$

<400> 2889
Lys Leu Phe Glu Ile Asp Pro Ser Ser Gly Asp
1 5 10

<210> 2890

$\langle 211 \rangle$ 5

<212> PRT

<213> Artificial Sequence

 $\langle 220 \rangle$

<223> Representative cyclic modulating agent based on
Protocadherin cell adhesion recognition sequence

<400> 2890

Lys Asp Leu Val Glu
1 5

<210> 2891

$\langle 211 \rangle$ 6

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
Protocadherin cell adhesion recognition sequence

<400> 2891

Lys Asp Leu Val Thr Glu
1 5

<210> 2892

<211> 7

<212> PRT

<213> Artificial Sequence

 $\langle 220 \rangle$

<223> Representative cyclic modulating agent based on
Protocadherin cell adhesion recognition sequence

<400> 2892

Lys Asp Leu Val Thr Gly Glu

```

1              5

<210> 2893
<211> 6
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
      Protocadherin cell adhesion recognition sequence

<400> 2893
Lys Leu Asp Leu Val Glu
1              5

<210> 2894
<211> 7
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
      Protocadherin cell adhesion recognition sequence

<400> 2894
Lys Leu Asp Leu Val Thr Glu
1              5

<210> 2895
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
      Protocadherin cell adhesion recognition sequence

<400> 2895
Lys Leu Asp Leu Val Thr Gly Glu
1              5

<210> 2896
<211> 7
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
      Protocadherin cell adhesion recognition sequence

<400> 2896
Lys Ala Leu Asp Leu Val Glu
1              5

<210> 2897
<211> 8
<212> PRT

```

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100

$\langle 220 \rangle$

<400> 2897

<210> 2898

$\langle 211 \rangle$ 9

<212> PRT

<220>

<400> 2898

<210> 2899

$\langle 211 \rangle$ 8

<212> PRT

<220>

<400> 2899

<210> 2900

$\langle 211 \rangle$ 9

<212> PRT

 $\langle 220 \rangle$

<400> 2900

<210> 2901

<211> 10

<212> PRT

<220>

<223> Representative cyclic modulating agent based on
Protocadherin cell adhesion recognition sequence

<210> 2906
 <211> 6
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 Protocadherin cell adhesion recognition sequence

<400> 2906
 Lys Asn Arg Asp Asn Glu
 1 5

<210> 2907
 <211> 7
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 Protocadherin cell adhesion recognition sequence

<400> 2907
 Lys Asn Arg Asp Asn Gly Glu
 1 5

<210> 2908
 <211> 6
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 Protocadherin cell adhesion recognition sequence

<400> 2908
 Lys Ile Asn Arg Asp Glu
 1 5

<210> 2909
 <211> 7
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 Protocadherin cell adhesion recognition sequence

<400> 2909
 Lys Ile Asn Arg Asp Asn Glu
 1 5

<210> 2910
 <211> 8
 <212> PRT
 <213> Artificial Sequence

<223> Representative cyclic modulating agent based on
Protocadherin cell adhesion recognition sequence

<400> 2910

<210> 2911

<211> 7

<212> PRT

<213> Artificial Sequence

<223> Representative cyclic modulating agent based on
Protocadherin cell adhesion recognition sequence

<400> 2911

<210> 2912

<211> 8

<212> PRT

<213> Artificial Sequence

<223> Representative cyclic modulating agent based on
Protocadherin cell adhesion recognition sequence

<400> 2912

<210> 2913

<211> 9

<212> PRT

<213> Artificial Sequence

<223> Representative cyclic modulating agent based on
Protocadherin cell adhesion recognition sequence

<400> 2913

<210> 2914

<211> 8

<212> PRT

<213> Artificial Sequence

<223> Representative cyclic modulating agent based on
Protocadherin cell adhesion recognition sequence

<400> 2914

<212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 Protocadherin cell adhesion recognition sequence

<400> 2919

Lys Tyr Phe Thr Ile Asn Arg Asp Asn Gly Glu
 1 5 10

<210> 2920
 <211> 5
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 Protocadherin cell adhesion recognition sequence

<400> 2920

Lys Asp Pro Lys Glu
 1 5

<210> 2921
 <211> 6
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 Protocadherin cell adhesion recognition sequence

<400> 2921

Lys Asp Pro Lys Thr Glu
 1 5

<210> 2922
 <211> 7
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 Protocadherin cell adhesion recognition sequence

<400> 2922

Lys Asp Pro Lys Thr Gly Glu
 1 5

<210> 2923
 <211> 6
 <212> PRT
 <213> Artificial Sequence

<220>

400 2920 2921 2922 2923

<400> 2923
Lys Ile Asp Pro Lys Glu
1 5

<220>
<223> Representative cyclic modulating agent based on
Protocadherin cell adhesion recognition sequence

```
<210> 2925
<211> 8
<212> PRT
<213> Artificial Sequence
```

<220>
<223> Representative cyclic modulating agent based on
Protocadherin cell adhesion recognition sequence

```
<210> 2926
<211> 7
<212> PRT
<213> Artificial Sequence
```

<220>
<223> Representative cyclic modulating agent based on
Protocadherin cell adhesion recognition sequence

```
<210> 2927
<211> 8
<212> PRT
<213> Artificial Sequence
```

<220>
<223> Representative cyclic modulating agent based on
Protocadherin cell adhesion recognition sequence

<400> 2927
Lys Ser Ile Asp Pro Lys Thr Glu

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
Protocadherin cell adhesion recognition sequence

<400> 2932

Lys Leu Phe Ser Ile Asp Pro Lys Glu
1 5

<210> 2933

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
Protocadherin cell adhesion recognition sequence

<400> 2933

Lys Leu Phe Ser Ile Asp Pro Lys Thr Glu
1 5 10

<210> 2934

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
Protocadherin cell adhesion recognition sequence

<400> 2934

Lys Leu Phe Ser Ile Asp Pro Lys Thr Gly Glu
1 5 10

<210> 2935

<211> 5

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
Protocadherin cell adhesion recognition sequence

<400> 2935

Lys Asp Pro Ser Glu
1 5

<210> 2936

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
Protocadherin cell adhesion recognition sequence

#44427 "039004"

<400> 2936
Lys Asp Pro Ser Ser Glu
1 5

<210> 2937
<211> 7
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
Protocadherin cell adhesion recognition sequence

<400> 2937
Lys Asp Pro Ser Ser Gly Glu
1 5

<210> 2938
<211> 6
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
Protocadherin cell adhesion recognition sequence

<400> 2938
Lys Ile Asp Pro Ser Glu
1 5

<210> 2939
<211> 7
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
Protocadherin cell adhesion recognition sequence

<400> 2939
Lys Ile Asp Pro Ser Ser Glu
1 5

<210> 2940
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
Protocadherin cell adhesion recognition sequence

<400> 2940
Lys Ile Asp Pro Ser Ser Gly Glu
1 5

Patent 6,939,000

<223> Representative cyclic modulating agent based on
Protocadherin cell adhesion recognition sequence

Lys Phe Glu Ile Asp Pro Ser Ser Glu
1 5

<213> Artificial Sequence

<223> Representative cyclic modulating agent based on
Protocadherin cell adhesion recognition sequence

Asp Leu Phe Ile Ile Asn Glu Asn Thr Lys
1 5 10

<213> Artificial Sequence

<223> Representative cyclic modulating agent based on
Protocadherin cell adhesion recognition sequence

Asp Asn Glu Asn Thr Gly Lys
1 5

<213> Artificial Sequence

<223> Representative cyclic modulating agent based on
Protocadherin cell adhesion recognition sequence

Asp Ile Asn Glu Asn Thr His Glu Gly Lys
1 5 10

<213> Artificial Sequence

<223> Representative cyclic modulating agent based on
Protocadherin cell adhesion recognition sequence

<400> 2949

<210> 2950
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
Protocadherin cell adhesion recognition sequence

```
<210> 2951
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
      Protocadherin cell adhesion recognition sequence
```

```
<210> 2952
<211> 11
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
      Protocadherin cell adhesion recognition sequence
```

```
<210> 2953
<211> 5
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
      Protocadherin cell adhesion recognition sequence
```

```
<210> 2954
<211> 6
```


<212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 Protocadherin cell adhesion recognition sequence

<400> 2954
 Asp Asp Leu Val Thr Lys
 1 5

<210> 2955
 <211> 7
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 Protocadherin cell adhesion recognition sequence

<400> 2955
 Asp Asp Leu Val Thr Gly Lys
 1 5

<210> 2956
 <211> 6
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 Protocadherin cell adhesion recognition sequence

<400> 2956
 Asp Leu Asp Leu Val Lys
 1 5

<210> 2957
 <211> 7
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 Protocadherin cell adhesion recognition sequence

<400> 2957
 Asp Leu Asp Leu Val Thr Lys
 1 5

<210> 2958
 <211> 8
 <212> PRT
 <213> Artificial Sequence

<220>

Sequence 2954-2958

<400> 2958
Asp Leu Asp Leu Val Thr Gly Lys
1 5

<220>
<223> Representative cyclic modulating agent based on
Protocadherin cell adhesion recognition sequence

```
<210> 2960
<211> 8
<212> PRT
<213> Artificial Sequence
```

<220>
<223> Representative cyclic modulating agent based on
Protocadherin cell adhesion recognition sequence

```
<210> 2961
<211> 9
<212> PRT
<213> Artificial Sequence
```

<220>
<223> Representative cyclic modulating agent based on
Protocadherin cell adhesion recognition sequence

```
<210> 2962
<211> 8
<212> PRT
<213> Artificial Sequence
```

<220>
<223> Representative cyclic modulating agent based on
Protocadherin cell adhesion recognition sequence

<400> 2962
Asp Phe Ala Leu Asp Leu Val Lys

```
<210> 2963
<211> 9
<212> PRT
<213> Artificial Sequence
```

<220>
<223> Representative cyclic modulating agent based on
Protocadherin cell adhesion recognition sequence

Asp Phe Ala Leu Asp Leu Val Thr Lys
1 5

```
<210> 2964
<211> 10
<212> PRT
<213> Artificial Sequence
```

<220>
<223> Representative cyclic modulating agent based on
Protocadherin cell adhesion recognition sequence

Asp Phe Ala Leu Asp Leu Val Thr Gly Lys
1 5 10

```
<210> 2965
<211> 9
<212> PRT
<213> Artificial Sequence
```

<220>
<223> Representative cyclic modulating agent based on
Protocadherin cell adhesion recognition sequence

Asp Leu Phe Ala Leu Asp Leu Val Lys
1 5

```
<210> 2966
<211> 10
<212> PRT
<213> Artificial Sequence
```

<220>
<223> Representative cyclic modulating agent based on
Protocadherin cell adhesion recognition sequence

Asp Leu Phe Ala Leu Asp Leu Val Thr Lys
1 5 10

| | |
|-------|------|
| <210> | 2967 |
| <211> | 11 |
| <212> | PRT |

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
Protocadherin cell adhesion recognition sequence

<400> 2967

Asp Leu Phe Ala Leu Asp Leu Val Thr Gly Lys
1 5 10

<210> 2968

<211> 5

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
Protocadherin cell adhesion recognition sequence

<400> 2968

Asp Asn Arg Asp Lys
1 5

<210> 2969

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
Protocadherin cell adhesion recognition sequence

<400> 2969

Asp Asn Arg Asp Asn Lys
1 5

<210> 2970

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
Protocadherin cell adhesion recognition sequence

<400> 2970

Asp Asn Arg Asp Asn Gly Lys
1 5

<210> 2971

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
Protocadherin cell adhesion recognition sequence

Sequence Listing

<400> 2971
Asp Ile Asn Arg Asp Lys
1 5

```
<210> 2972
<211> 7
<212> PRT
<213> Artificial Sequence
```

<220>
<223> Representative cyclic modulating agent based on
Protocadherin cell adhesion recognition sequence

<400> 2972
Asp Ile Asn Arg Asp Asn Lys
1 5

```
<210> 2973
<211> 8
<212> PRT
<213> Artificial Sequence
```

<220> .
<223> Representative cyclic modulating agent based on
Protocadherin cell adhesion recognition sequence

<400> 2973
Asp Ile Asn Arg Asp Asn Gly Lys
1 5

```
<210> 2974
<211> 7
<212> PRT
<213> Artificial Sequence
```

<220>
<223> Representative cyclic modulating agent based on
Protocadherin cell adhesion recognition sequence

<400> 2974
Asp Thr Ile Asn Arg Asp Lys
1 5

```
<210> 2975
<211> 8
<212> PRT
<213> Artificial Sequence
```

<220>
<223> Representative cyclic modulating agent based on
Protocadherin cell adhesion recognition sequence

<400> 2975
Asp Thr Ile Asn Arg Asp Asn Lys
1 5

<210> 2976
 <211> 9
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 Protocadherin cell adhesion recognition sequence

<400> 2976
 Asp Thr Ile Asn Arg Asp Asn Gly Lys
 1 5

<210> 2977
 <211> 8
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 Protocadherin cell adhesion recognition sequence

<400> 2977
 Asp Phe Thr Ile Asn Arg Asp Lys
 1 5

<210> 2978
 <211> 9
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 Protocadherin cell adhesion recognition sequence

<400> 2978
 Asp Phe Thr Ile Asn Arg Asp Asn Lys
 1 5

<210> 2979
 <211> 10
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 Protocadherin cell adhesion recognition sequence

<400> 2979
 Asp Phe Thr Ile Asn Arg Asp Asn Gly Lys
 1 5 10

<210> 2980
 <211> 9
 <212> PRT
 <213> Artificial Sequence

Publ. No. 69330001

<220>

<223> Representative cyclic modulating agent based on
Protocadherin cell adhesion recognition sequence

<400> 2980

Asp Tyr Phe Thr Ile Asn Arg Asp Lys
1 5

<210> 2981

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
Protocadherin cell adhesion recognition sequence

<400> 2981

Asp Tyr Phe Thr Ile Asn Arg Asp Asn Lys
1 5 10

<210> 2982

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
Protocadherin cell adhesion recognition sequence

<400> 2982

Asp Tyr Phe Thr Ile Asn Arg Asp Asn Gly Lys
1 5 10

<210> 2983

<211> 5

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
Protocadherin cell adhesion recognition sequence

<400> 2983

Asp Asp Pro Lys Lys
1 5

<210> 2984

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
Protocadherin cell adhesion recognition sequence

<400> 2984

400655-1020

Asp Asp Pro Lys Thr Lys
1 5

<210> 2985
<211> 7
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
Protocadherin cell adhesion recognition sequence

<400> 2985

Asp Asp Pro Lys Thr Gly Lys
1 5

<210> 2986
<211> 6
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
Protocadherin cell adhesion recognition sequence

<400> 2986

Asp Ile Asp Pro Lys Lys
1 5

<210> 2987
<211> 7
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
Protocadherin cell adhesion recognition sequence

<400> 2987

Asp Ile Asp Pro Lys Thr Lys
1 5

<210> 2988
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
Protocadherin cell adhesion recognition sequence

<400> 2988

Asp Ile Asp Pro Lys Thr Gly Asp
1 5

<210> 2989
<211> 7

4003004693004


```

1          5          10
<210> 2998
<211> 5
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
      Protocadherin cell adhesion recognition sequence

<400> 2998
Asp Asp Pro Ser Lys
1          5

<210> 2999
<211> 6
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
      Protocadherin cell adhesion recognition sequence

<400> 2999
Asp Asp Pro Ser Ser Lys
1          5

<210> 3000
<211> 7
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
      Protocadherin cell adhesion recognition sequence

<400> 3000
Asp Asp Pro Ser Ser Gly Lys
1          5

<210> 3001
<211> 6
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
      Protocadherin cell adhesion recognition sequence

<400> 3001
Asp Ile Asp Pro Ser Lys
1          5

<210> 3002
<211> 7
<212> PRT

```

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
Protocadherin cell adhesion recognition sequence

<400> 3002

Asp Ile Asp Pro Ser Ser Lys
1 5

<210> 3003

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
Protocadherin cell adhesion recognition sequence

<400> 3003

Asp Ile Asp Pro Ser Ser Gly Lys
1 5

<210> 3004

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
Protocadherin cell adhesion recognition sequence

<400> 3004

Asp Glu Ile Asp Pro Ser Lys
1 5

<210> 3005

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
Protocadherin cell adhesion recognition sequence

<400> 3005

Asp Glu Ile Asp Pro Ser Ser Lys
1 5

<210> 3006

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
Protocadherin cell adhesion recognition sequence

40021693001

<400> 3006
 Asp Glu Ile Asp Pro Ser Ser Gly Lys
 1 5

<210> 3007
 <211> 8
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 Protocadherin cell adhesion recognition sequence

<400> 3007
 Asp Phe Glu Ile Asp Pro Ser Lys
 1 5

<210> 3008
 <211> 9
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 Protocadherin cell adhesion recognition sequence

<400> 3008
 Asp Phe Glu Ile Asp Pro Ser Ser Lys
 1 5

<210> 3009
 <211> 9
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 Protocadherin cell adhesion recognition sequence

<400> 3009
 Asp Ile Ile Asn Glu Asn Thr Gly Lys
 1 5

<210> 3010
 <211> 10
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 Protocadherin cell adhesion recognition sequence

<400> 3010
 Asp Phe Ile Ile Asn Glu Asn Thr Gly Lys
 1 5 10

"T0202T" 6939001

<210> 3011
 <211> 11
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 Protocadherin cell adhesion recognition sequence

<400> 3011
 Asp Leu Phe Ile Ile Asn Glu Asn Thr Gly Lys
 1 5 10

<210> 3012
 <211> 10
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 Protocadherin cell adhesion recognition sequence

<400> 3012
 Asp Phe Glu Ile Asp Pro Ser Ser Gly Lys
 1 5 10

<210> 3013
 <211> 9
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 Protocadherin cell adhesion recognition sequence

<400> 3013
 Asp Leu Phe Glu Ile Asp Pro Ser Lys
 1 5

<210> 3014
 <211> 10
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 Protocadherin cell adhesion recognition sequence

<400> 3014
 Asp Leu Phe Glu Ile Asp Pro Ser Ser Lys
 1 5 10

<210> 3015
 <211> 11
 <212> PRT
 <213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
Protocadherin cell adhesion recognition sequence

<400> 3015

Asp Leu Phe Glu Ile Asp Pro Ser Ser Gly Lys
1 5 10

<210> 3016

<211> 5

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
Protocadherin cell adhesion recognition sequence

<400> 3016

Asp Leu Val Thr Gly
1 5

<210> 3017

<211> 5

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
Protocadherin cell adhesion recognition sequence

<400> 3017

Leu Asp Leu Val Thr
1 5

<210> 3018

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
Protocadherin cell adhesion recognition sequence

<400> 3018

Leu Asp Leu Val Thr Gly
1 5

<210> 3019

<211> 5

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
Protocadherin cell adhesion recognition sequence

<400> 3019

<212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 Protocadherin cell adhesion recognition sequence

<400> 3024
 Phe Ala Leu Asp Leu Val Thr Gly
 1 5

<210> 3025
 <211> 7
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 Protocadherin cell adhesion recognition sequence

<400> 3025
 Leu Phe Ala Leu Asp Leu Val
 1 5

<210> 3026
 <211> 8
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 Protocadherin cell adhesion recognition sequence

<400> 3026
 Leu Phe Ala Leu Asp Leu Val Thr
 1 5

<210> 3027
 <211> 9
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 Protocadherin cell adhesion recognition sequence

<400> 3027
 Leu Phe Ala Leu Asp Leu Val Thr Gly
 1 5

<210> 3028
 <211> 5
 <212> PRT
 <213> Artificial Sequence

<220>

<400> 3028
Asn Arg Asp Asn Gly
1 5

<220>
<223> Representative cyclic modulating agent based on
Protocadherin cell adhesion recognition sequence

```

      <400> 3029
Ile Asn Arg Asp Asn
 1                               5

```

```
<210> 3030
<211> 6
<212> PRT
<213> Artificial Sequence
```

<220>
<223> Representative cyclic modulating agent based on
Protocadherin cell adhesion recognition sequence

<400> 3030
Ile Asn Arg Asp Asn Gly
1 5

```
<210> 3031
<211> 5
<212> PRT
<213> Artificial Sequence
```

<220>
<223> Representative cyclic modulating agent based on
Protocadherin cell adhesion recognition sequence

<400> 3031
 Thr Ile Asn Arg Asp
 1 5

```
<210> 3032
<211> 6
<212> PRT
<213> Artificial Sequence
```

<220>
<223> Representative cyclic modulating agent based on
Protocadherin cell adhesion recognition sequence

<400> 3032
Thr Ile Asn Arg Asp Asn

1

5

<210> 3033
 <211> 7
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 Protocadherin cell adhesion recognition sequence

<400> 3033
 Thr Ile Asn Arg Asp Asn Gly
 1 5

<210> 3034
 <211> 6
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 Protocadherin cell adhesion recognition sequence

<400> 3034
 Phe Thr Ile Asn Arg Asp
 1 5

<210> 3035
 <211> 7
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 Protocadherin cell adhesion recognition sequence

<400> 3035
 Phe Thr Ile Asn Arg Asp Asn
 1 5

<210> 3036
 <211> 8
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 Protocadherin cell adhesion recognition sequence

<400> 3036
 Phe Thr Ile Asn Arg Asp Asn Gly
 1 5

<210> 3037
 <211> 7
 <212> PRT

Sequence 3033-3037

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
Protocadherin cell adhesion recognition sequence

<400> 3037

Tyr Phe Thr Ile Asn Arg Asp
1 5

<210> 3038

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
Protocadherin cell adhesion recognition sequence

<400> 3038

Tyr Phe Thr Ile Asn Arg Asp Asn
1 5

<210> 3039

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
Protocadherin cell adhesion recognition sequence

<400> 3039

Tyr Phe Thr Ile Asn Arg Asp Asn Gly
1 5

<210> 3040

<211> 5

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
Protocadherin cell adhesion recognition sequence

<400> 3040

Asp Pro Lys Thr Gly
1 5

<210> 3041

<211> 5

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
Protocadherin cell adhesion recognition sequence

Publ. No. 6939001

<400> 3041
Ile Asp Pro Lys Thr
1 5

<210> 3042
<211> 6
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
Protocadherin cell adhesion recognition sequence

<400> 3042
Ile Asp Pro Lys Thr Gly
1 5

<210> 3043
<211> 5
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
Protocadherin cell adhesion recognition sequence

<400> 3043
Ser Ile Asp Pro Lys
1 5

<210> 3044
<211> 6
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
Protocadherin cell adhesion recognition sequence

<400> 3044
Ser Ile Asp Pro Lys Thr
1 5

<210> 3045
<211> 7
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
Protocadherin cell adhesion recognition sequence

<400> 3045
Ser Ile Asp Pro Lys Thr Gly
1 5

Sequence

<210> 3046
 <211> 6
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 Protocadherin cell adhesion recognition sequence

<400> 3046
 Phe Ser Ile Asp Pro Lys
 1 5

<210> 3047
 <211> 7
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 Protocadherin cell adhesion recognition sequence

<400> 3047
 Phe Ser Ile Asp Pro Lys Thr
 1 5

<210> 3048
 <211> 8
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 Protocadherin cell adhesion recognition sequence

<400> 3048
 Phe Ser Ile Asp Pro Lys Thr Gly
 1 5

<210> 3049
 <211> 7
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 Protocadherin cell adhesion recognition sequence

<400> 3049
 Leu Phe Ser Ile Asp Pro Lys
 1 5

<210> 3050
 <211> 8
 <212> PRT
 <213> Artificial Sequence

<223> Representative cyclic modulating agent based on
Protocadherin cell adhesion recognition sequence

<400> 3050

<210> 3051

<212> PRT

<213> Artificial Sequence

<223> Representative cyclic modulating agent based on
Protocadherin cell adhesion recognition sequence

<400> 3051

<210> 3052

<212> PRT

<213> Artificial Sequence

<223> Representative cyclic modulating agent based on
Protocadherin cell adhesion recognition sequence

<400> 3052

<210> 3053

<212> PRT

<213> Artificial Sequence

<223> Representative cyclic modulating agent based on
Protocadherin cell adhesion recognition sequence

<400> 3053

<210> 3054

<212> PRT

<213> Artificial Sequence

<223> Representative cyclic modulating agent based on
Protocadherin cell adhesion recognition sequence

<400> 3054

```
<210> 3059
<211> 7
```


<213> Artificial Sequence

<223> Representative cyclic modulating agent based on
Protocadherin cell adhesion recognition sequence

Phe Glu Ile Asp Pro Ser Ser
1 5

$\langle 211 \rangle$ 7

<213> Artificial Sequence

<223> Representative cyclic modulating agent based on
Protocadherin cell adhesion recognition sequence

Glu Ile Asp Pro Ser Ser Gly
1 5

<211> 6

<213> Artificial Sequence

<223> Representative cyclic modulating agent based on
Protocadherin cell adhesion recognition sequence

Phe Glu Ile Asp Pro Ser
1 5

<211> 8

<213> Artificial Sequence

<223> Representative cyclic modulating agent based on
Protocadherin cell adhesion recognition sequence

Phe Glu Ile Asp Pro Ser Ser Gly
1 5

<211> 7

<213> Artificial Sequence

 $\langle 220 \rangle$

<400> 3063
 Leu Phe Glu Ile Asp Pro Ser
 1 5

<220>
<223> Representative cyclic modulating agent based on
Protocadherin cell adhesion recognition sequence

```
<210> 3065
<211> 9
<212> PRT
<213> Artificial Sequence
```

<220>
<223> Representative cyclic modulating agent based on
Protocadherin cell adhesion recognition sequence

```
<210> 3066
<211> 5
<212> PRT
<213> Artificial Sequence
```

<220>
<223> Representative cyclic modulating agent based on
Desmoglein cell adhesion recognition sequence

```
<210> 3067
<211> 6
<212> PRT
<213> Artificial Sequence
```

<220>
<223> Representative cyclic modulating agent based on
Desmoglein cell adhesion recognition sequence

<400> 3067
Cys Asn Gln Lys Thr Cys

5

<220>
<223> Representative cyclic modulating agent based on
Desmoglein cell adhesion recognition sequence

<220>
<223> Representative cyclic modulating agent based on
Desmoglein cell adhesion recognition sequence

<220>
<223> Representative cyclic modulating agent based on
Desmoglein cell adhesion recognition sequence

<220>
<223> Representative cyclic modulating agent based on
Desmoglein cell adhesion recognition sequence

```
<210> 3072
<211> 7
<212> PRT
```

$\langle 220 \rangle$

<400> 3072

<210> 3073

$\langle 211 \rangle$ 8

<212> PRT

 $\langle 220 \rangle$

<400> 3073

<210> 3074

<211> 9

<212> PRT

<220>

<400> 3074

<210> 3075

<211> 8

<212> PRT

 $\langle 220 \rangle$

<400> 3075

<210> 3076

$\langle 211 \rangle$ 9

<212> PRT

 $\langle 220 \rangle$

<223> Representative cyclic modulating agent based on
Desmoglein cell adhesion recognition sequence

<400> 3076

<211> 10

<213> Artificial Sequence

<223> Representative cyclic modulating agent based on
Desmoglein cell adhesion recognition sequence

<400> 3077

$\langle 211 \rangle$ 9

<213> Artificial Sequence

<223> Representative cyclic modulating agent based on Desmoglein cell adhesion recognition sequence

<400> 3078

<211> 10

<213> Artificial Sequence

<223> Representative cyclic modulating agent based on
Desmoglein cell adhesion recognition sequence

<400> 3079

<211> 11

<213> Artificial Sequence

<223> Representative cyclic modulating agent based on Desmoglein cell adhesion recognition sequence

<400> 3080

<210> 3081
 <211> 5
 <212> PRT
 <213> Artificial Sequence

 <220>
 <223> Representative cyclic modulating agent based on
 Desmoglein cell adhesion recognition sequence

 <400> 3081
 Cys Asn Arg Asn Cys
 1 5

 <210> 3082
 <211> 6
 <212> PRT
 <213> Artificial Sequence

 <220>
 <223> Representative cyclic modulating agent based on
 Desmoglein cell adhesion recognition sequence

 <400> 3082
 Cys Asn Arg Asn Thr Cys
 1 5

 <210> 3083
 <211> 7
 <212> PRT
 <213> Artificial Sequence

 <220>
 <223> Representative cyclic modulating agent based on
 Desmoglein cell adhesion recognition sequence

 <400> 3083
 Cys Asn Arg Asn Thr Gly Cys
 1 5

 <210> 3084
 <211> 6
 <212> PRT
 <213> Artificial Sequence

 <220>
 <223> Representative cyclic modulating agent based on
 Desmoglein cell adhesion recognition sequence

 <400> 3084
 Cys Ile Asn Arg Asn Cys
 1 5

 <210> 3085
 <211> 7
 <212> PRT
 <213> Artificial Sequence

$\langle 220 \rangle$

<223> Representative cyclic modulating agent based on
Desmoglein cell adhesion recognition sequence

<400> 3085

Cys Ile Asn Arg Asn Thr Cys
1 5

<210> 3086

$\langle 211 \rangle$ 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
Desmoglein cell adhesion recognition sequence.

<400> 3086

Cys Ile Asn Arg Asn Thr Gly Cys
1 5

<210> 3087

$\langle 211 \rangle$ 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
Desmoglein cell adhesion recognition sequence

<400> 3087

Cys Ile Ile Asn Arg Asn Cys
1 5

<210> 3088

$\langle 211 \rangle$ 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
Desmoglein cell adhesion recognition sequence

<400> 3088

Cys Ile Ile Asn Arg Asn Thr Cys
1 5

<210> 3089

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
Desmoglein cell adhesion recognition sequence

<400> 3089

Cys Ile Ile Asn Arg Asn Thr Gly Cys
1 5

<210> 3090
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
Desmoglein cell adhesion recognition sequence

<400> 3090

Cys Phe Ile Ile Asn Arg Asn Cys
1 5

<210> 3091
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
Desmoglein cell adhesion recognition sequence

<400> 3091

Cys Phe Ile Ile Asn Arg Asn Thr Cys
1 5

<210> 3092
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
Desmoglein cell adhesion recognition sequence

<400> 3092

Cys Phe Ile Ile Asn Arg Asn Thr Gly Cys
1 5 10

<210> 3093
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
Desmoglein cell adhesion recognition sequence

<400> 3093

Cys Met Phe Ile Ile Asn Arg Asn Cys
1 5

<210> 3094
<211> 10

TOGETHER

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
Desmoglein cell adhesion recognition sequence

<400> 3094

| | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Cys | Met | Phe | Ile | Ile | Asn | Arg | Asn | Thr | Cys |
| 1 | | | | 5 | | | | 10 | |

<210> 3095

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
Desmoglein cell adhesion recognition sequence

<400> 3095

| | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Cys | Met | Phe | Ile | Ile | Asn | Arg | Asn | Thr | Gly | Cys |
| 1 | | | | 5 | | | | | 10 | |

<210> 3096

<211> 5

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
Desmoglein cell adhesion recognition sequence

<400> 3096

| | | | | |
|-----|-----|-----|-----|-----|
| Cys | Asn | Lys | Asp | Cys |
| 1 | | | 5 | |

<210> 3097

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
Desmoglein cell adhesion recognition sequence

<400> 3097

| | | | | | |
|-----|-----|-----|-----|-----|-----|
| Cys | Asn | Lys | Asp | Thr | Cys |
| 1 | | | 5 | | |

<210> 3098

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

TOP SECRET 6929001

<400> 3098
Cys Asn Lys Asp Thr Gly Cys
1 5

<220>
<223> Representative cyclic modulating agent based on
Desmoglein cell adhesion recognition sequence

<220>
<223> Representative cyclic modulating agent based on
Desmoglein cell adhesion recognition sequence

<220>
<223> Representative cyclic modulating agent based on
Desmoglein cell adhesion recognition sequence

<220>
<223> Representative cyclic modulating agent based on
Desmoglein cell adhesion recognition sequence

<400> 3102
Cys Tyr Leu Asn Lys Asp Cys

1

5

<210> 3103
 <211> 8
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 Desmoglein cell adhesion recognition sequence

<400> 3103
 Cys Tyr Leu Asn Lys Asp Thr Cys
 1 5

<210> 3104
 <211> 9
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 Desmoglein cell adhesion recognition sequence

<400> 3104
 Cys Tyr Leu Asn Lys Asp Thr Gly Cys
 1 5

<210> 3105
 <211> 8
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 Desmoglein cell adhesion recognition sequence

<400> 3105
 Cys Phe Tyr Leu Asn Lys Asp Cys
 1 5

<210> 3106
 <211> 9
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 Desmoglein cell adhesion recognition sequence

<400> 3106
 Cys Phe Tyr Leu Asn Lys Asp Thr Cys
 1 5

<210> 3107
 <211> 10
 <212> PRT

Top Secret

$\langle 220 \rangle$

<400> 3107

<210> 3108

<211> 9

<212> PRT

<220>

<400> 3108

<210> 3109

<211> 10

<212> PRT

<220>

<400> 3109

 $\langle 210 \rangle$ 3110

$\langle 211 \rangle$ 11

<212> PRT

$\langle 220 \rangle$

<400> 3110

<210> 3111

$\langle 211 \rangle$ 5

<212> PRT

<220>

<223> Representative cyclic modulating agent based on
Desmoglein cell adhesion recognition sequence

<400> 3111
 Glu Asn Gln Lys Lys
 1 5

<210> 3112
 <211> 6
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 Desmoglein cell adhesion recognition sequence

<400> 3112
 Glu Asn Gln Lys Thr Lys
 1 5

<210> 3113
 <211> 7
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 Desmoglein cell adhesion recognition sequence

<400> 3113
 Glu Asn Gln Lys Thr Gly Lys
 1 5

<210> 3114
 <211> 6
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 Desmoglein cell adhesion recognition sequence

<400> 3114
 Glu Ile Asn Gln Lys Lys
 1 5

<210> 3115
 <211> 7
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 Desmoglein cell adhesion recognition sequence

<400> 3115
 Glu Ile Asn Gln Lys Thr Lys
 1 5

TOC001"59390001

<210> 3116
 <211> 8
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 Desmoglein cell adhesion recognition sequence

<400> 3116
 Glu Ile Asn Gln Lys Thr Gly Lys
 1 5

<210> 3117
 <211> 7
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 Desmoglein cell adhesion recognition sequence

<400> 3117
 Glu Val Ile Asn Gln Lys Lys
 1 5

<210> 3118
 <211> 8
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 Desmoglein cell adhesion recognition sequence

<400> 3118
 Glu Val Ile Asn Gln Lys Thr Lys
 1 5

<210> 3119
 <211> 9
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 Desmoglein cell adhesion recognition sequence

<400> 3119
 Glu Val Ile Asn Gln Lys Thr Gly Lys
 1 5

<210> 3120
 <211> 8
 <212> PRT
 <213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
Desmoglein cell adhesion recognition sequence

<400> 3120

Glu Phe Val Ile Asn Gln Lys Lys
1 5

<210> 3121

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
Desmoglein cell adhesion recognition sequence

<400> 3121

Glu Phe Val Ile Asn Gln Lys Thr Lys
1 5

<210> 3122

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
Desmoglein cell adhesion recognition sequence

<400> 3122

Glu Phe Val Ile Asn Gln Lys Thr Gly Lys
1 5 10

<210> 3123

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
Desmoglein cell adhesion recognition sequence

<400> 3123

Glu Ile Phe Val Ile Asn Gln Lys Lys
1 5

<210> 3124

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
Desmoglein cell adhesion recognition sequence

<400> 3124

100669-12024

Glu Ile Phe Val Ile Asn Gln Lys Thr Lys
1 5 10

<210> 3125
<211> 11
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
Desmoglein cell adhesion recognition sequence

<400> 3125

Glu Ile Phe Val Ile Asn Gln Lys Thr Gly Lys
1 5 10

<210> 3126
<211> 5
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
Desmoglein cell adhesion recognition sequence

<400> 3126

Glu Asn Arg Asn Lys
1 5

<210> 3127
<211> 6
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
Desmoglein cell adhesion recognition sequence

<400> 3127

Glu Asn Arg Asn Thr Lys
1 5

<210> 3128
<211> 7
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
Desmoglein cell adhesion recognition sequence

<400> 3128

Glu Asn Arg Asn Thr Gly Lys
1 5

<210> 3129
<211> 6

<212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 Desmoglein cell adhesion recognition sequence

<400> 3129
 Glu Ile Asn Arg Asn Lys
 1 5

<210> 3130
 <211> 7
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 Desmoglein cell adhesion recognition sequence

<400> 3130
 Glu Ile Asn Arg Asn Thr Lys
 1 5

<210> 3131
 <211> 8
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 Desmoglein cell adhesion recognition sequence

<400> 3131
 Glu Ile Asn Arg Asn Thr Gly Lys
 1 5

<210> 3132
 <211> 7
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 Desmoglein cell adhesion recognition sequence

<400> 3132
 Glu Ile Ile Asn Arg Asn Lys
 1 5

<210> 3133
 <211> 8
 <212> PRT
 <213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
Desmoglein cell adhesion recognition sequence

<400> 3133

Glu Ile Ile Asn Arg Asn Thr Lys
1 5

<210> 3134

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
Desmoglein cell adhesion recognition sequence

<400> 3134

Glu Ile Ile Asn Arg Asn Thr Gly Lys
1 5

<210> 3135

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
Desmoglein cell adhesion recognition sequence

<400> 3135

Glu Phe Ile Ile Asn Arg Asn Lys
1 5

<210> 3136

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
Desmoglein cell adhesion recognition sequence

<400> 3136

Glu Phe Ile Ile Asn Arg Asn Thr Lys
1 5

<210> 3137

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
Desmoglein cell adhesion recognition sequence

<400> 3137

Glu Phe Ile Ile Asn Arg Asn Thr Gly Lys

1 5 10

<210> 3138
 <211> 9
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 Desmoglein cell adhesion recognition sequence

<400> 3138
 Glu Met Phe Ile Ile Asn Arg Asn Lys
 1 5

<210> 3139
 <211> 10
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 Desmoglein cell adhesion recognition sequence

<400> 3139
 Glu Met Phe Ile Ile Asn Arg Asn Thr Lys
 1 5 10

<210> 3140
 <211> 11
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 Desmoglein cell adhesion recognition sequence

<400> 3140
 Glu Met Phe Ile Ile Asn Arg Asn Thr Gly Lys
 1 5 10

<210> 3141
 <211> 5
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 Desmoglein cell adhesion recognition sequence

<400> 3141
 Glu Asn Lys Asp Lys
 1 5

<210> 3142
 <211> 6
 <212> PRT

4001-5000

$\langle 220 \rangle$

<400> 3142

<210> 3143

<211> 7

<212> PRT

 $\langle 220 \rangle$

<400> 3143

<210> 3144

<211> 6

<212> PRT

<220>

<400> 3144

<210> 3145

<211> 7

<212> PRT

 $\langle 220 \rangle$

<400> 3145

<210> 3146

<211> 8

<212> PRT

<220>

<223> Representative cyclic modulating agent based on
Desmoglein cell adhesion recognition sequence

<400> 3146
 Glu Leu Asn Lys Asp Thr Gly Lys
 1 5

<210> 3147
 <211> 7
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 Desmoglein cell adhesion recognition sequence

<400> 3147
 Glu Tyr Leu Asn Lys Asp Lys
 1 5

<210> 3148
 <211> 8
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 Desmoglein cell adhesion recognition sequence

<400> 3148
 Glu Tyr Leu Asn Lys Asp Thr Lys
 1 5

<210> 3149
 <211> 9
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 Desmoglein cell adhesion recognition sequence

<400> 3149
 Glu Tyr Leu Asn Lys Asp Thr Gly Lys
 1 5

<210> 3150
 <211> 8
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 Desmoglein cell adhesion recognition sequence

<400> 3150
 Glu Phe Tyr Leu Asn Lys Asp Lys
 1 5

100566-100566

<220>
<223> Representative cyclic modulating agent based on
Desmoglein cell adhesion recognition sequence

```
<210> 3152
<211> 10
<212> PRT
<213> Artificial Sequence
```

<220>
<223> Representative cyclic modulating agent based on
Desmoglein cell adhesion recognition sequence

```
<210> 3153
<211> 9
<212> PRT
<213> Artificial Sequence
```

<220>
<223> Representative cyclic modulating agent based on
Desmoglein cell adhesion recognition sequence

```
<210> 3154
<211> 10
<212> PRT
<213> Artificial Sequence
```

<220>
<223> Representative cyclic modulating agent based on
Desmoglein cell adhesion recognition sequence

```
<210> 3155
<211> 11
<212> PRT
<213> Artificial Sequence
```

<400> 3159

$$\begin{array}{ll} \langle 210 \rangle & 3164 \\ \langle 211 \rangle & 9 \end{array}$$

<213> Artificial Sequence

<223> Representative cyclic modulating agent based on
Desmoglein cell adhesion recognition sequence

Lys Val Ile Asn Gln Lys Thr Gly Asp
1 5

<213> Artificial Sequence

<223> Representative cyclic modulating agent based on
Desmoglein cell adhesion recognition sequence

Lys Phe Val Ile Asn Gln Lys Asp
1 5

<213> Artificial Sequence

<223> Representative cyclic modulating agent based on
Desmoglein cell adhesion recognition sequence

Lys Phe Val Ile Asn Gln Lys Thr Asp
1 5

<213> Artificial Sequence

<223> Representative cyclic modulating agent based on
Desmoglein cell adhesion recognition sequence

Lys Phe Val Ile Asn Gln Lys Thr Gly Asp
1 5 10

<213> Artificial Sequence

 $\langle 220 \rangle$

<400> 3168
Lys Ile Phe Val Ile Asn Gln Lys Asp
1 5

<220>
<223> Representative cyclic modulating agent based on
Desmoglein cell adhesion recognition sequence

```
<210> 3170
<211> 11
<212> PRT
<213> Artificial Sequence
```

<220>
<223> Representative cyclic modulating agent based on
Desmoglein cell adhesion recognition sequence

```
<210> 3171
<211> 5
<212> PRT
<213> Artificial Sequence
```

<220>
<223> Representative cyclic modulating agent based on
Desmoglein cell adhesion recognition sequence

```
<210> 3172
<211> 6
<212> PRT
<213> Artificial Sequence
```

<220>
<223> Representative cyclic modulating agent based on
Desmoglein cell adhesion recognition sequence

<400> 3172
Lys Asn Arg Asn Thr Asp

1 5

<210> 3173
 <211> 7
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 Desmoglein cell adhesion recognition sequence

<400> 3173
 Lys Asn Arg Asn Thr Gly Asp
 1 5

<210> 3174
 <211> 6
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 Desmoglein cell adhesion recognition sequence

<400> 3174
 Lys Ile Asn Arg Asn Asp
 1 5

<210> 3175
 <211> 7
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 Desmoglein cell adhesion recognition sequence

<400> 3175
 Lys Ile Asn Arg Asn Thr Asp
 1 5

<210> 3176
 <211> 8
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 Desmoglein cell adhesion recognition sequence

<400> 3176
 Lys Ile Asn Arg Asn Thr Gly Asp
 1 5

<210> 3177
 <211> 7
 <212> PRT

TOP SECRET 68990001

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
Desmoglein cell adhesion recognition sequence

<400> 3177

Lys Ile Ile Asn Arg Asn Asp
1 5

<210> 3178

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
Desmoglein cell adhesion recognition sequence

<400> 3178

Lys Ile Ile Asn Arg Asn Thr Asp
1 5

<210> 3179

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
Desmoglein cell adhesion recognition sequence

<400> 3179

Lys Ile Ile Asn Arg Asn Thr Gly Asp
1 5

<210> 3180

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
Desmoglein cell adhesion recognition sequence

<400> 3180

Lys Phe Ile Ile Asn Arg Asn Asp
1 5

<210> 3181

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
Desmoglein cell adhesion recognition sequence

The file is a sequence file

<400> 3181
 Lys Phe Ile Ile Asn Arg Asn Thr Asp
 1 5

<210> 3182
 <211> 10
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 Desmoglein cell adhesion recognition sequence

<400> 3182
 Lys Phe Ile Ile Asn Arg Asn Thr Gly Asp
 1 5 10

<210> 3183
 <211> 9
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 Desmoglein cell adhesion recognition sequence

<400> 3183
 Lys Met Phe Ile Ile Asn Arg Asn Asp
 1 5

<210> 3184
 <211> 10
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 Desmoglein cell adhesion recognition sequence

<400> 3184
 Lys Met Phe Ile Ile Asn Arg Asn Thr Asp
 1 5 10

<210> 3185
 <211> 11
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 Desmoglein cell adhesion recognition sequence

<400> 3185
 Lys Met Phe Ile Ile Asn Arg Asn Thr Gly Asp
 1 5 10

<220>
<223> Representative cyclic modulating agent based on
Desmoglein cell adhesion recognition sequence

<400> 3186

<220>
<223> Representative cyclic modulating agent based on
Desmoglein cell adhesion recognition sequence

<400> 3187

<220>
<223> Representative cyclic modulating agent based on
Desmoglein cell adhesion recognition sequence

<400> 3188

<220>
<223> Representative cyclic modulating agent based on
Desmoglein cell adhesion recognition sequence

<400> 3189

```
<210> 3190
<211> 7
<212> PRT
<213> Artificial Sequence
```

<223> Representative cyclic modulating agent based on
Desmoglein cell adhesion recognition sequence

Lys Leu Asn Lys Asp Thr Asp
1 5

<213> Artificial Sequence

<223> Representative cyclic modulating agent based on
Desmoglein cell adhesion recognition sequence

Lys Leu Asn Lys Asp Thr Gly Asp
1 5

<213> Artificial Sequence

<223> Representative cyclic modulating agent based on
Desmoglein cell adhesion recognition sequence

Lys Tyr Leu Asn Lys Asp Asp
1 5

<213> Artificial Sequence

<223> Representative cyclic modulating agent based on
Desmoglein cell adhesion recognition sequence

Lys Tyr Leu Asn Lys Asp Thr Asp
1 5

<213> Artificial Sequence

<223> Representative cyclic modulating agent based on
Desmoglein cell adhesion recognition sequence

<400> 3194

Lys Tyr Leu Asn Lys Asp Thr Gly Asp
1 5

<210> 3195
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
Desmoglein cell adhesion recognition sequence

<400> 3195

Lys Phe Tyr Leu Asn Lys Asp Asp
1 5

<210> 3196
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
Desmoglein cell adhesion recognition sequence

<400> 3196

Lys Phe Tyr Leu Asn Lys Asp Thr Asp
1 5

<210> 3197
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
Desmoglein cell adhesion recognition sequence

<400> 3197

Lys Phe Tyr Leu Asn Lys Asp Thr Gly Asp
1 5 10

<210> 3198
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
Desmoglein cell adhesion recognition sequence

<400> 3198

Lys Val Phe Tyr Leu Asn Lys Asp Asp
1 5

<210> 3199
<211> 10

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100

<213> Artificial Sequence

<223> Representative cyclic modulating agent based on
Desmoglein cell adhesion recognition sequence

Lys Val Phe Tyr Leu Asn Lys Asp Thr Asp
1 5 10

<213> Artificial Sequence

<223> Representative cyclic modulating agent based on
Desmoglein cell adhesion recognition sequence

Lys Val Phe Tyr Leu Asn Lys Asp Thr Gly Asp
1 5 10

<213> Artificial Sequence

<223> Representative cyclic modulating agent based on
Desmoglein cell adhesion recognition sequence

Asp Asn Gln Lys Lys
1 5

<213> Artificial Sequence

<223> Representative cyclic modulating agent based on
Desmoglein cell adhesion recognition sequence

Asp Asn Gln Lys Thr Lys
1 5

<213> Artificial Sequence

 $\langle 220 \rangle$

<400> 3203
 Asp Asn Gln Lys Thr Gly Lys
 1 5

<220>
<223> Representative cyclic modulating agent based on
Desmoglein cell adhesion recognition sequence

```
<210> 3205
<211> 7
<212> PRT
<213> Artificial Sequence
```

<220>
<223> Representative cyclic modulating agent based on
Desmooglein cell adhesion recognition sequence

```
<210> 3206
<211> 8
<212> PRT
<213> Artificial Sequence
```

<220>
<223> Representative cyclic modulating agent based on
Desmoglein cell adhesion recognition sequence

```
<210> 3207
<211> 7
<212> PRT
<213> Artificial Sequence
```

<220>
<223> Representative cyclic modulating agent based on
Desmoglein cell adhesion recognition sequence

<400> 3207
Asp Val Ile Asn Gln Lys Lys

1 5

<210> 3208
 <211> 8
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 Desmoglein cell adhesion recognition sequence

<400> 3208
 Asp Val Ile Asn Gln Lys Thr Lys
 1 5

<210> 3209
 <211> 9
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 Desmoglein cell adhesion recognition sequence

<400> 3209
 Asp Val Ile Asn Gln Lys Thr Gly Lys
 1 5

<210> 3210
 <211> 8
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 Desmoglein cell adhesion recognition sequence

<400> 3210
 Asp Phe Val Ile Asn Gln Lys Lys
 1 5

<210> 3211
 <211> 9
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 Desmoglein cell adhesion recognition sequence

<400> 3211
 Asp Phe Val Ile Asn Gln Lys Thr Lys
 1 5

<210> 3212
 <211> 10
 <212> PRT

Top of 539001

<220>

<400> 3212

<210> 3213

<211> 9

<212> PRT

 $\langle 220 \rangle$

<400> 3213

<210> 3214

<211> 10

<212> PRT

<220>

<400> 3214

<210> 3215

<211> 11

<212> PRT

<220>

<400> 3215

<210> 3216

<211> 5

<212> PRT

 $\langle 220 \rangle$

<223> Representative cyclic modulating agent based on
Desmoglein cell adhesion recognition sequence

<400> 3216

<210> 3217

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on

<400> 3217

<210> 3218

<211> 7

<212> PRT

<213> Artificial Sequence

 $\langle 220 \rangle$

<223> Representative cyclic modulating agent based on

<400> 3218

<210> 3219

<211> 6

<212> PRT

<213> Artificial Sequence

 $\langle 220 \rangle$

<223> Representative cyclic modulating agent based on

<400> 3219

<210> 3220

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on

<400> 3220

le Asn Arg As

<210> 3221
 <211> 8
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 Desmoglein cell adhesion recognition sequence

<400> 3221
 Asp Ile Asn Arg Asn Thr Gly Lys
 1 5

<210> 3222
 <211> 7
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 Desmoglein cell adhesion recognition sequence

<400> 3222
 Asp Ile Ile Asn Arg Asn Lys
 1 5

<210> 3223
 <211> 8
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 Desmoglein cell adhesion recognition sequence

<400> 3223
 Asp Ile Ile Asn Arg Asn Thr Lys
 1 5

<210> 3224
 <211> 9
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 Desmoglein cell adhesion recognition sequence

<400> 3224
 Asp Ile Ile Asn Arg Asn Thr Gly Lys
 1 5

<210> 3225
 <211> 8
 <212> PRT
 <213> Artificial Sequence

10005859-120204

<223> Representative cyclic modulating agent based on
Desmoglein cell adhesion recognition sequence

<400> 3225

<211> 9

<212> PRT

<213> Artificial Sequence

<223> Representative cyclic modulating agent based on
Desmoglein cell adhesion recognition sequence.

<400> 3226

<211> 10

<212> PRT

<213> Artificial Sequence

<223> Representative cyclic modulating agent based on
Desmoglein cell adhesion recognition sequence

<400> 3227

<211> 9

<212> PRT

<213> Artificial Sequence

<223> Representative cyclic modulating agent based on
Desmoglein cell adhesion recognition sequence

<400> 3228

<211> 10

<212> PRT

<213> Artificial Sequence

<223> Representative cyclic modulating agent based on
Desmoglein cell adhesion recognition sequence

<400> 3229

```
<210> 3230
<211> 11
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
Desmoglein cell adhesion recognition sequence
```

```

<400> 3230
et Phe Ile Ile Asn Arg Asn Thr Gly Lys
      5                               10

<210> 3231
<211> 5
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
      Desmoglein cell adhesion recognition sequence

```

```

<400> 3231
sn Lys Asp Lys
      5
<210> 3232
<211> 6
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
      Desmoglein cell adhesion recognition sequence

```

```

<400> 3232
sn Lys Asp Thr Lys
      5
<210> 3233
<211> 7
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
      Desmoglein cell adhesion recognition sequence

```

```
<400> 3233
sn Lys Asp Thr Gly Lys
      5

<210> 3234
<211> 6
```


<213> Artificial Sequence

<223> Representative cyclic modulating agent based on
Desmoglein cell adhesion recognition sequence

Asp Leu Asn Lys Asp Lys
1 5

<211> 7

<213> Artificial Sequence

<223> Representative cyclic modulating agent based on
Desmoglein cell adhesion recognition sequence

Asp Leu Asn Lys Asp Thr Lys
1 5

$\langle 211 \rangle$ 8

<213> Artificial Sequence

<223> Representative cyclic modulating agent based on
Desmoglein cell adhesion recognition sequence

Asp Leu Asn Lys Asp Thr Gly Lys
1 5

<211> 7

<213> Artificial Sequence

<223> Representative cyclic modulating agent based on
Desmoglein cell adhesion recognition sequence

Asp Tyr Leu Asn Lys Asp Lys
1 5

<211> 8

<213> Artificial Sequence

<220>

<400> 3238
Asp Tyr Leu Asn Lys Asp Thr Lys
1 5

```
<210> 3239
<211> 9
<212> PRT
<213> Artificial Sequence
```

<220>
<223> Representative cyclic modulating agent based on
Desmoglein cell adhesion recognition sequence

<400> 3239
Asp Tyr Leu Asn Lys Asp Thr Gly Lys
1 5

```
<210> 3240
<211> 8
<212> PRT
<213> Artificial Sequence
```

<220>
<223> Representative cyclic modulating agent based on
Desmoglein cell adhesion recognition sequence

<400> 3240
Asp Phe Tyr Leu Asn Lys Asp Lys
1 5

```
<210> 3241
<211> 9
<212> PRT
<213> Artificial Sequence
```

<220>
<223> Representative cyclic modulating agent based on
Desmoglein cell adhesion recognition sequence

<400> 3241
Asp Phe Tyr Leu Asn Lys Asp Thr Lys
1 5

```
<210> 3242
<211> 10
<212> PRT
<213> Artificial Sequence
```

<220>
<223> Representative cyclic modulating agent based on
Desmoglein cell adhesion recognition sequence

<400> 3242
Asp Phe Tyr Leu Asn Lys Asp Thr Gly Lys

<220>

<400> 3247

<210> 3248

<211> 7

<212> PRT

 $\langle 220 \rangle$

<400> 3248

<210> 3249

<211> 6

<212> PRT

 $\langle 220 \rangle$

<400> 3249

<210> 3250

<211> 7

<212> PRT

<220>

<400> 3250

<210> 3251

<211> 8

<212> PRT

$\langle 220 \rangle$

<223> Representative cyclic modulating agent based on
Desmoglein cell adhesion recognition sequence

<400> 3251

<211> 7

<212> PRT

<213> Artificial Sequence

 $\langle 220 \rangle$

<223> Representative cyclic modulating agent based on
Desmoglein cell adhesion recognition sequence

<400> 3252

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on Desmoglein cell adhesion recognition sequence

<400> 3253

<210> 3254

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
Desmoglein cell adhesion recognition sequence

<400> 3254

<210> 3255

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
Desmoglein cell adhesion recognition sequence

<400> 3255

<210> 3256
 <211> 9
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 Desmoglein cell adhesion recognition sequence

<400> 3256
 Lys Phe Val Ile Asn Gln Lys Thr Glu
 1 5

<210> 3257
 <211> 10
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 Desmoglein cell adhesion recognition sequence

<400> 3257
 Lys Phe Val Ile Asn Gln Lys Thr Gly Glu
 1 5 10

<210> 3258
 <211> 9
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 Desmoglein cell adhesion recognition sequence

<400> 3258
 Lys Ile Phe Val Ile Asn Gln Lys Glu
 1 5

<210> 3259
 <211> 10
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 Desmoglein cell adhesion recognition sequence

<400> 3259
 Lys Ile Phe Val Ile Asn Gln Lys Thr Glu
 1 5 10

<210> 3260
 <211> 11
 <212> PRT
 <213> Artificial Sequence

Sequence # 3256-3260

<223> Representative cyclic modulating agent based on
Desmoglein cell adhesion recognition sequence

Lys Ile Phe Val Ile Asn Gln Lys Thr Gly Glu
1 5 10

<213> Artificial Sequence

<223> Representative cyclic modulating agent based on
Desmoglein cell adhesion recognition sequence

Lys Asn Arg Asn Glu
1 5

<213> Artificial Sequence

<223> Representative cyclic modulating agent based on
Desmoglein cell adhesion recognition sequence

Lys Asn Arg Asn Thr Glu
1 5

<213> Artificial Sequence

<223> Representative cyclic modulating agent based on
Desmoglein cell adhesion recognition sequence

Lys Asn Arg Asn Thr Gly Glu
1 5

<213> Artificial Sequence

<223> Representative cyclic modulating agent based on
Desmoglein cell adhesion recognition sequence

<400> 3264

<220>
<223> Representative cyclic modulating agent based on
Desmoglein cell adhesion recognition sequence

```

<400> 3265
le Asn Arg Asn Thr Glu
      5

<210> 3266
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
      Desmoglein cell adhesion recognition sequence

```

```
<210> 3267
<211> 7
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
Desmoglein cell adhesion recognition sequence
```

```

<400> 3267
le Ile Asn Arg Asn Glu
      5

<210> 3268
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
      Desmoglein cell adhesion recognition sequence

```

<400> 3268
le Ile Asn A

<210> 3269
<211> 9

<213> Artificial Sequence

<223> Representative cyclic modulating agent based on
Desmoglein cell adhesion recognition sequence

Lys Ile Ile Asn Arg Asn Thr Gly Glu
1 5

$\langle 211 \rangle$ 8

<213> Artificial Sequence

<223> Representative cyclic modulating agent based on
Desmoglein cell adhesion recognition sequence

Lys Phe Ile Ile Asn Arg Asn Glu
1 5

<211> 9

<213> Artificial Sequence

<223> Representative cyclic modulating agent based on
Desmoglein cell adhesion recognition sequence

Lys Phe Ile Ile Asn Arg Asn Thr Glu
1 5

<211> 10

<213> Artificial Sequence

<223> Representative cyclic modulating agent based on
Desmoglein cell adhesion recognition sequence

Lys Phe Ile Ile Asn Arg Asn Thr Gly Glu
1 5 10

$\langle 211 \rangle$ 9

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
Desmoglein cell adhesion recognition sequence

<400> 3273

Lys Met Phe Ile Ile Asn Arg Asn Glu
1 5

<210> 3274

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
Desmoglein cell adhesion recognition sequence

<400> 3274

Lys Met Phe Ile Ile Asn Arg Asn Thr Glu
1 5 10

<210> 3275

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
Desmoglein cell adhesion recognition sequence

<400> 3275

Lys Met Phe Ile Ile Asn Arg Asn Thr Gly Glu
1 5 10

<210> 3276

<211> 5

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
Desmoglein cell adhesion recognition sequence

<400> 3276

Lys Asn Lys Asp Glu
1 5

<210> 3277

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
Desmoglein cell adhesion recognition sequence

<400> 3277

Lys Asn Lys Asp Thr Glu

5

<220>
<223> Representative cyclic modulating agent based on
Desmoglein cell adhesion recognition sequence

```

<400> 3278
sn Lys Asp Thr Gly Glu
      5

<210> 3279
<211> 6
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
      Desmoglein cell adhesion recognition sequence

```

```

<400> 3279
eu Asn Lys Asp Glu
      5
<210> 3280
<211> 7
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
      Desmoglein cell adhesion recognition sequence

```

```

<400> 3280
Leu Asn Lys Asp Thr Glu
      5
<210> 3281
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
      Desmoglein cell adhesion recognition sequence

```

```
<400> 3281
eu Asn Lys Asp Thr Gly Glu
      5
<210> 3282
<211> 7
<212> PRT
```

$\langle 220 \rangle$

<400> 3282

<210> 3283

$\langle 211 \rangle$ 8

<212> PRT

 $\langle 220 \rangle$

<400> 3283

<210> 3284

<211> 9

<212> PRT

<220>

<400> 3284

<210> 3285

$\langle 211 \rangle$ 8

<212> PRT

$\langle 220 \rangle$

<400> 3285

<210> 3286

$\langle 211 \rangle$ 9

<212> PRT

 $\langle 220 \rangle$

<223> Representative cyclic modulating agent based on
Desmoglein cell adhesion recognition sequence

<210> 3291
 <211> 5
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 Desmoglein cell adhesion recognition sequence

<400> 3291
 Asn Gln Lys Thr Gly
 1 5

<210> 3292
 <211> 5
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 Desmoglein cell adhesion recognition sequence

<400> 3292
 Ile Asn Gln Lys Thr
 1 5

<210> 3293
 <211> 6
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 Desmoglein cell adhesion recognition sequence

<400> 3293
 Ile Asn Gln Lys Thr Gly
 1 5

<210> 3294
 <211> 5
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 Desmoglein cell adhesion recognition sequence

<400> 3294
 Val Ile Asn Gln Lys
 1 5

<210> 3295
 <211> 6
 <212> PRT
 <213> Artificial Sequence

Publ. No. 6330001

<220>

<223> Representative cyclic modulating agent based on
Desmoglein cell adhesion recognition sequence

<400> 3295

Val Ile Asn Gln Lys Thr
1 5

<210> 3296

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
Desmoglein cell adhesion recognition sequence

<400> 3296

Val Ile Asn Gln Lys Thr Gly
1 5

<210> 3297

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
Desmoglein cell adhesion recognition sequence

<400> 3297

Phe Val Ile Asn Gln Lys
1 5

<210> 3298

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
Desmoglein cell adhesion recognition sequence

<400> 3298

Phe Val Ile Asn Gln Lys Thr
1 5

<210> 3299

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
Desmoglein cell adhesion recognition sequence

<400> 3299

Phe Val Ile Asn Gln Lys Thr Gly

Phe Val Ile Asn Gln Lys Thr Gly
1 5

<210> 3300
<211> 7
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
Desmoglein cell adhesion recognition sequence

<400> 3300

Ile Phe Val Ile Asn Gln Lys
1 5

<210> 3301
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
Desmoglein cell adhesion recognition sequence

<400> 3301

Ile Phe Val Ile Asn Gln Lys Thr
1 5

<210> 3302
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
Desmoglein cell adhesion recognition sequence

<400> 3302

Ile Phe Val Ile Asn Gln Lys Thr Gly
1 5

<210> 3303
<211> 5
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
Desmoglein cell adhesion recognition sequence

<400> 3303

Asn Arg Asn Thr Gly
1 5

<210> 3304
<211> 5

40053001 6930001

<212> PRT
 <213> Artificial Sequence

 <220>
 <223> Representative cyclic modulating agent based on
 Desmoglein cell adhesion recognition sequence

 <400> 3304
 Ile Asn Arg Asn Thr
 1 5

 <210> 3305
 <211> 6
 <212> PRT
 <213> Artificial Sequence

 <220>
 <223> Representative cyclic modulating agent based on
 Desmoglein cell adhesion recognition sequence

 <400> 3305
 Ile Asn Arg Asn Thr Gly
 1 5

 <210> 3306
 <211> 5
 <212> PRT
 <213> Artificial Sequence

 <220>
 <223> Representative cyclic modulating agent based on
 Desmoglein cell adhesion recognition sequence

 <400> 3306
 Ile Ile Asn Arg Asn
 1 5

 <210> 3307
 <211> 6
 <212> PRT
 <213> Artificial Sequence

 <220>
 <223> Representative cyclic modulating agent based on
 Desmoglein cell adhesion recognition sequence

 <400> 3307
 Ile Ile Asn Arg Asn Thr
 1 5

 <210> 3308
 <211> 7
 <212> PRT
 <213> Artificial Sequence

 <220>

$\langle 220 \rangle$

<400> 3317

<210> 3318

<211> 5

<212> PRT

 $\langle 220 \rangle$

<400> 3318

<210> 3319

$\langle 211 \rangle$ 6

<212> PRT

 $\langle 220 \rangle$

<400> 3319

<210> 3320

$\langle 211 \rangle$ 7

<212> PRT

 $\langle 220 \rangle$

<400> 3320

$\langle 210 \rangle$ 3321

 $\langle 211 \rangle$ 6

<212> PRT

<220>

<223> Representative cyclic modulating agent based on Desmoglein cell adhesion recognition sequence

<223> Representative cyclic modulating agent based on
Desmocollin cell adhesion recognition sequence

<400> 3330

<210> 3331

<212> PRT

<213> Artificial Sequence

<223> Representative cyclic modulating agent based on
Desmocollin cell adhesion recognition sequence

<400> 3331

<210> 3332

<212> PRT

<213> Artificial Sequence

<223> Representative cyclic modulating agent based on
Desmocollin cell adhesion recognition sequence

<400> 3332

<210> 3333

<212> PRT

<213> Artificial Sequence

<223> Representative cyclic modulating agent based on
Desmocollin cell adhesion recognition sequence

<400> 3333

<210> 3334

<212> PRT

<213> Artificial Sequence

<223> Representative cyclic modulating agent based on
Desmocollin cell adhesion recognition sequence

<400> 3334

Cys Tyr Ile Glu Lys Asp Thr Cys
1 5

<210> 3335
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
Desmocollin cell adhesion recognition sequence

<400> 3335

Cys Tyr Ile Glu Lys Asp Thr Gly Cys
1 5

<210> 3336
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
Desmocollin cell adhesion recognition sequence

<400> 3336

Cys Phe Tyr Ile Glu Lys Asp Cys
1 5

<210> 3337
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
Desmocollin cell adhesion recognition sequence

<400> 3337

Cys Phe Tyr Ile Glu Lys Asp Thr Cys
1 5

<210> 3338
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
Desmocollin cell adhesion recognition sequence

<400> 3338

Cys Phe Tyr Ile Glu Lys Asp Thr Gly Cys
1 5 10

<210> 3339
<211> 9

4005504 6235004

<212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 Desmocollin cell adhesion recognition sequence

<400> 3339
 Cys Leu Phe Tyr Ile Glu Lys Asp Cys
 1 5

<210> 3340
 <211> 10
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 Desmocollin cell adhesion recognition sequence

<400> 3340
 Cys Leu Phe Tyr Ile Glu Lys Asp Thr Cys
 1 5 10

<210> 3341
 <211> 11
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 Desmocollin cell adhesion recognition sequence

<400> 3341
 Cys Leu Phe Tyr Ile Glu Lys Asp Thr Gly Cys
 1 5 10

<210> 3342
 <211> 5
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 Desmocollin cell adhesion recognition sequence

<400> 3342
 Cys Glu Arg Asp Cys
 1 5

<210> 3343
 <211> 6
 <212> PRT
 <213> Artificial Sequence

<220>

<400> 3343
 Cys Glu Arg Asp Thr Cys
 1 5

<220>
<223> Representative cyclic modulating agent based on
Desmocollin cell adhesion recognition sequence

```
<210> 3345
<211> 6
<212> PRT
<213> Artificial Sequence
```

<220>
<223> Representative cyclic modulating agent based on
Desmocollin cell adhesion recognition sequence

```
<210> 3346
<211> 7
<212> PRT
<213> Artificial Sequence
```

<220>
<223> Representative cyclic modulating agent based on
Desmocollin cell adhesion recognition sequence

```
<210> 3347
<211> 8
<212> PRT
<213> Artificial Sequence
```

<220>
<223> Representative cyclic modulating agent based on
Desmocollin cell adhesion recognition sequence

<400> 3347
Cys Val Glu Arg Asp Thr Gly Cys

1

5

<210> 3348
 <211> 7
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 Desmocollin cell adhesion recognition sequence

<400> 3348
 Cys Tyr Val Glu Arg Asp Cys
 1 5

<210> 3349
 <211> 8
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 Desmocollin cell adhesion recognition sequence

<400> 3349
 Cys Tyr Val Glu Arg Asp Thr Cys
 1 5

<210> 3350
 <211> 9
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 Desmocollin cell adhesion recognition sequence

<400> 3350
 Cys Tyr Val Glu Arg Asp Thr Gly Cys
 1 5

<210> 3351
 <211> 8
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 Desmocollin cell adhesion recognition sequence

<400> 3351
 Cys Phe Tyr Val Glu Arg Asp Cys
 1 5

<210> 3352
 <211> 9
 <212> PRT

Sequence of amino acids

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
Desmocollin cell adhesion recognition sequence

<400> 3352

Cys Phe Tyr Val Glu Arg Asp Thr Cys
1 5

<210> 3353

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
Desmocollin cell adhesion recognition sequence

<400> 3353

Cys Phe Tyr Val Glu Arg Asp Thr Gly Cys
1 5 10

<210> 3354

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
Desmocollin cell adhesion recognition sequence

<400> 3354

Cys Leu Phe Tyr Val Glu Arg Asp Cys
1 5

<210> 3355

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
Desmocollin cell adhesion recognition sequence

<400> 3355

Cys Leu Phe Tyr Val Glu Arg Asp Thr Cys
1 5 10

<210> 3356

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
Desmocollin cell adhesion recognition sequence

<400> 3356
 Cys Leu Phe Tyr Val Glu Arg Asp Thr Gly Cys
 1 5 10

<210> 3357
 <211> 6
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 Desmocollin cell adhesion recognition sequence

<400> 3357
 Cys Ile Glu Arg Asp Cys
 1 5

<210> 3358
 <211> 7
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 Desmocollin cell adhesion recognition sequence

<400> 3358
 Cys Ile Glu Arg Asp Thr Cys
 1 5

<210> 3359
 <211> 8
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 Desmocollin cell adhesion recognition sequence

<400> 3359
 Cys Ile Glu Arg Asp Thr Gly Cys
 1 5

<210> 3360
 <211> 7
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 Desmocollin cell adhesion recognition sequence

<400> 3360
 Cys Tyr Ile Glu Arg Asp Cys
 1 5

400 3356 3357 3358 3359 3360

<220>
<223> Representative cyclic modulating agent based on
Desmocollin cell adhesion recognition sequence

<400> 3361

<220>
<223> Representative cyclic modulating agent based on
Desmocollin cell adhesion recognition sequence

<400> 3362

<220>
<223> Representative cyclic modulating agent based on
Desmocollin cell adhesion recognition sequence

<400> 3363

<220>
<223> Representative cyclic modulating agent based on
Desmocollin cell adhesion recognition sequence

<400> 3364

```
<210> 3365
<211> 10
<212> PRT
<213> Artificial Sequence
```

<223> Representative cyclic modulating agent based on
Desmocollin cell adhesion recognition sequence

<210> 3366

<211> 9

<212> PRT

<213> Artificial Sequence

<223> Representative cyclic modulating agent based on
Desmocollin cell adhesion recognition sequence

<400> 3366

<210> 3367

$\langle 211 \rangle$ 10

<212> PRT

<213> Artificial Sequence

 $\langle 220 \rangle$

<223> Representative cyclic modulating agent based on
Desmocollin cell adhesion recognition sequence

<400> 3367

<210> 3368

<211> 11

<212> PRT

<213> Artificial Sequence

 $\langle 220 \rangle$

<223> Representative cyclic modulating agent based on
Desmocollin cell adhesion recognition sequence

<400> 3368

<210> 3369

<211> 5

<212> PRT

<213> Artificial Sequence

 $\langle 220 \rangle$

<223> Representative cyclic modulating agent based on
Desmocollin cell adhesion recognition sequence

<400> 3369

<212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 Desmocollin cell adhesion recognition sequence

<400> 3374
 Glu Ile Glu Lys Asp Thr Gly Lys
 1 5

<210> 3375
 <211> 7
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 Desmocollin cell adhesion recognition sequence

<400> 3375
 Glu Tyr Ile Glu Lys Asp Lys
 1 5

<210> 3376
 <211> 8
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 Desmocollin cell adhesion recognition sequence

<400> 3376
 Glu Tyr Ile Glu Lys Asp Thr Lys
 1 5

<210> 3377
 <211> 9
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 Desmocollin cell adhesion recognition sequence

<400> 3377
 Glu Tyr Ile Glu Lys Asp Thr Gly Lys
 1 5

<210> 3378
 <211> 8
 <212> PRT
 <213> Artificial Sequence

<220>

Sequence 3374-3378

1 5 10
 <210> 3383
 <211> 11
 <212> PRT
 <213> Artificial Sequence

 <220>
 <223> Representative cyclic modulating agent based on
 Desmocollin cell adhesion recognition sequence

 <400> 3383
 Glu Leu Phe Tyr Ile Glu Lys Asp Thr Gly Lys
 1 5 10

 <210> 3384
 <211> 5
 <212> PRT
 <213> Artificial Sequence

 <220>
 <223> Representative cyclic modulating agent based on
 Desmocollin cell adhesion recognition sequence

 <400> 3384
 Glu Glu Arg Asp Lys
 1 5

 <210> 3385
 <211> 6
 <212> PRT
 <213> Artificial Sequence

 <220>
 <223> Representative cyclic modulating agent based on
 Desmocollin cell adhesion recognition sequence

 <400> 3385
 Glu Glu Arg Asp Thr Lys
 1 5

 <210> 3386
 <211> 7
 <212> PRT
 <213> Artificial Sequence

 <220>
 <223> Representative cyclic modulating agent based on
 Desmocollin cell adhesion recognition sequence

 <400> 3386
 Glu Glu Arg Asp Thr Gly Lys
 1 5

 <210> 3387
 <211> 6
 <212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
Desmocollin cell adhesion recognition sequence

<400> 3387

Glu Val Glu Arg Asp Lys
1 5

<210> 3388

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
Desmocollin cell adhesion recognition sequence

<400> 3388

Glu Val Glu Arg Asp Thr Lys
1 5

<210> 3389

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
Desmocollin cell adhesion recognition sequence

<400> 3389

Glu Val Glu Arg Asp Thr Gly Lys
1 5

<210> 3390

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
Desmocollin cell adhesion recognition sequence

<400> 3390

Glu Tyr Val Glu Arg Asp Lys
1 5

<210> 3391

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
Desmocollin cell adhesion recognition sequence

40021-69900F

<400> 3391
Tyr Val Glu Arg Asp Thr Lys
1 5

<210> 3392
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
Desmocollin cell adhesion recognition sequence

<400> 3392
Glu Tyr Val Glu Arg Asp Thr Gly Lys
1 5

<210> 3393
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
Desmocollin cell adhesion recognition sequence

<400> 3393
Glu Phe Tyr Val Glu Arg Asp Lys
1 5

<210> 3394
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
Desmocollin cell adhesion recognition sequence

<400> 3394
Glu Phe Tyr Val Glu Arg Asp Thr Lys
1 5

<210> 3395
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
Desmocollin cell adhesion recognition sequence

<400> 3395
Glu Phe Tyr Val Glu Arg Asp Thr Gly Lys
1 5 10

<212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 Desmocollin cell adhesion recognition sequence

<400> 3409
 Glu Leu Phe Tyr Ile Glu Arg Asp Thr Lys
 1 5 10

<210> 3410
 <211> 11
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 Desmocollin cell adhesion recognition sequence

<400> 3410
 Glu Leu Phe Tyr Ile Glu Arg Asp Thr Gly Lys
 1 5 10

<210> 3411
 <211> 5
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 Desmocollin cell adhesion recognition sequence

<400> 3411
 Lys Glu Lys Asp Asp
 1 5

<210> 3412
 <211> 6
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 Desmocollin cell adhesion recognition sequence

<400> 3412
 Lys Glu Lys Asp Thr Asp
 1 5

<210> 3413
 <211> 7
 <212> PRT
 <213> Artificial Sequence

<220>

400921 6390001

<223> Representative cyclic modulating agent based on
Desmocollin cell adhesion recognition sequence

<400> 3413

Lys Glu Lys Asp Thr Gly Asp
1 5

<210> 3414

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
Desmocollin cell adhesion recognition sequence

<400> 3414

Lys Ile Glu Lys Asp Asp
1 5

<210> 3415

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
Desmocollin cell adhesion recognition sequence

<400> 3415

Lys Ile Glu Lys Asp Thr Asp
1 5

<210> 3416

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
Desmocollin cell adhesion recognition sequence

<400> 3416

Lys Ile Glu Lys Asp Thr Gly Asp
1 5

<210> 3417

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
Desmocollin cell adhesion recognition sequence

<400> 3417

Lys Tyr Ile Glu Lys Asp Asp

<400> 3426
Lys Glu Arg Asp Asp
1 5

<210> 3427
<211> 6
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
Desmocollin cell adhesion recognition sequence

<400> 3427
Lys Glu Arg Asp Thr Asp
1 5

<210> 3428
<211> 7
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
Desmocollin cell adhesion recognition sequence

<400> 3428
Lys Glu Arg Asp Thr Gly Asp
1 5

<210> 3429
<211> 6
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
Desmocollin cell adhesion recognition sequence

<400> 3429
Lys Val Glu Arg Asp Asp
1 5

<210> 3430
<211> 7
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
Desmocollin cell adhesion recognition sequence

<400> 3430
Lys Val Glu Arg Asp Thr Asp
1 5

6330001

<210> 3431
 <211> 8
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 Desmocollin cell adhesion recognition sequence

<400> 3431
 Lys Val Glu Arg Asp Thr Gly Asp
 1 5

<210> 3432
 <211> 7
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 Desmocollin cell adhesion recognition sequence

<400> 3432
 Lys Tyr Val Glu Arg Asp Asp
 1 5

<210> 3433
 <211> 8
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 Desmocollin cell adhesion recognition sequence

<400> 3433
 Lys Tyr Val Glu Arg Asp Thr Asp
 1 5

<210> 3434
 <211> 9
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 Desmocollin cell adhesion recognition sequence

<400> 3434
 Lys Tyr Val Glu Arg Asp Thr Gly Asp
 1 5

<210> 3435
 <211> 8
 <212> PRT
 <213> Artificial Sequence

1000555-2000T

<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
Desmocollin cell adhesion recognition sequence

<400> 3444
Lys Tyr Ile Glu Arg Asp
1 5

<210> 3445
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
Desmocollin cell adhesion recognition sequence

<400> 3445
Lys Tyr Ile Glu Arg Asp Thr Asp
1 5

<210> 3446
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
Desmocollin cell adhesion recognition sequence

<400> 3446
Lys Tyr Ile Glu Arg Asp Thr Gly Asp
1 5

<210> 3447
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
Desmocollin cell adhesion recognition sequence

<400> 3447
Lys Phe Tyr Ile Glu Arg Asp Asp
1 5

<210> 3448
<211> 9
<212> PRT
<213> Artificial Sequence

<220>

TOP SECRET 639001

<223> Representative cyclic modulating agent based on
Desmocollin cell adhesion recognition sequence

<400> 3448

Lys Phe Tyr Ile Glu Arg Asp Thr Asp
1 5

<210> 3449

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
Desmocollin cell adhesion recognition sequence

<400> 3449

Lys Phe Tyr Ile Glu Arg Asp Thr Gly Asp
1 5 10

<210> 3450

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
Desmocollin cell adhesion recognition sequence

<400> 3450

Lys Leu Phe Tyr Ile Glu Arg Asp Asp
1 5

<210> 3451

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
Desmocollin cell adhesion recognition sequence

<400> 3451

Lys Leu Phe Tyr Ile Glu Arg Asp Thr Asp
1 5 10

<210> 3452

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
Desmocollin cell adhesion recognition sequence

<400> 3452

Lys Leu Phe Tyr Ile Glu Arg Asp Thr Gly Asp

| 1 | 5 | 10 |
|-----------------------------|---|----|
| <210> | 3453 | |
| <211> | 5 | |
| <212> | PRT | |
| <213> | Artificial Sequence | |
| <220> | | |
| <223> | Representative cyclic modulating agent based on Desmocollin cell adhesion recognition sequence | |
| <400> | 3453 | |
| Asp Glu Lys Asp Lys | | |
| 1 | 5 | |
| <210> | 3454 | |
| <211> | 6 | |
| <212> | PRT | |
| <213> | Artificial Sequence | |
| <220> | | |
| <223> | Representative cyclic modulating agent based on Desmocollin cell adhesion recognition sequence | |
| <400> | 3454 | |
| Asp Glu Lys Asp Thr Lys | | |
| 1 | 5 | |
| <210> | 3455 | |
| <211> | 7 | |
| <212> | PRT | |
| <213> | Artificial Sequence | |
| <220> | | |
| <223> | Representative cyclic modulating agent based on Desmocollin cell adhesion recognition sequence | |
| <400> | 3455 | |
| Asp Glu Lys Asp Thr Gly Lys | | |
| 1 | 5 | |
| <210> | 3456 | |
| <211> | 6 | |
| <212> | PRT | |
| <213> | Artificial Sequence | |
| <220> | | |
| <223> | Representative cyclic modulating agent based on Desmocollin cell adhesion recognition sequence | |
| <400> | 3456 | |
| Asp Ile Glu Lys Asp Lys | | |
| 1 | 5 | |
| <210> | 3457 | |
| <211> | 7 | |
| <212> | PRT | |

1005694001

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
Desmocollin cell adhesion recognition sequence

<400> 3457

Asp Ile Glu Lys Asp Thr Lys
1 5

<210> 3458

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
Desmocollin cell adhesion recognition sequence

<400> 3458

Asp Ile Glu Lys Asp Thr Gly Lys
1 5

<210> 3459

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
Desmocollin cell adhesion recognition sequence

<400> 3459

Asp Tyr Ile Glu Lys Asp Lys
1 5

<210> 3460

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
Desmocollin cell adhesion recognition sequence

<400> 3460

Asp Tyr Ile Glu Lys Asp Thr Lys
1 5

<210> 3461

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
Desmocollin cell adhesion recognition sequence

TOE021"633000T

Asp Tyr Val Glu Arg Asp Lys
1 5

<210> 3475
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
Desmocollin cell adhesion recognition sequence

<400> 3475

Asp Tyr Val Glu Arg Asp Thr Lys
1 5

<210> 3476
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
Desmocollin cell adhesion recognition sequence

<400> 3476

Asp Tyr Val Glu Arg Asp Thr Gly Lys
1 5

<210> 3477
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
Desmocollin cell adhesion recognition sequence

<400> 3477

Asp Phe Tyr Val Glu Arg Asp Lys
1 5

<210> 3478
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
Desmocollin cell adhesion recognition sequence

<400> 3478

Asp Phe Tyr Val Glu Arg Asp Thr Lys
1 5

<210> 3479
<211> 10

Publ. No. 633001

<212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 Desmocollin cell adhesion recognition sequence

<400> 3479
 Asp Phe Tyr Val Glu Arg Asp Thr Gly Lys
 1 5 10

<210> 3480
 <211> 9
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 Desmocollin cell adhesion recognition sequence

<400> 3480
 Asp Leu Phe Tyr Val Glu Arg Asp Lys
 1 5

<210> 3481
 <211> 10
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 Desmocollin cell adhesion recognition sequence

<400> 3481
 Asp Leu Phe Tyr Val Glu Arg Asp Thr Lys
 1 5 10

<210> 3482
 <211> 11
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 Desmocollin cell adhesion recognition sequence

<400> 3482
 Asp Leu Phe Tyr Val Glu Arg Asp Thr Gly Lys
 1 5 10

<210> 3483
 <211> 6
 <212> PRT
 <213> Artificial Sequence

<220>

"T0002T" 699000

1

5

<210> 3488
 <211> 9
 <212> PRT
 <213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
 Desmocollin cell adhesion recognition sequence

<400> 3488

Asp Tyr Ile Glu Arg Asp Thr Gly Lys
 1 5

<210> 3489
 <211> 8
 <212> PRT
 <213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
 Desmocollin cell adhesion recognition sequence

<400> 3489

Asp Phe Tyr Ile Glu Arg Asp Lys
 1 5

<210> 3490
 <211> 9
 <212> PRT
 <213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
 Desmocollin cell adhesion recognition sequence

<400> 3490

Asp Phe Tyr Ile Glu Arg Asp Thr Lys
 1 5

<210> 3491
 <211> 10
 <212> PRT
 <213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
 Desmocollin cell adhesion recognition sequence

<400> 3491

Asp Phe Tyr Ile Glu Arg Asp Thr Gly Lys
 1 5 10

<210> 3492
 <211> 9
 <212> PRT

TOP SECRET 6999000F

<400> 3496
Lys Glu Lys Asp Thr Glu
1 5

<210> 3497
<211> 7
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
Desmocollin cell adhesion recognition sequence

<400> 3497
Lys Glu Lys Asp Thr Gly Glu
1 5

<210> 3498
<211> 6
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
Desmocollin cell adhesion recognition sequence

<400> 3498
Lys Ile Glu Lys Asp Glu
1 5

<210> 3499
<211> 7
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
Desmocollin cell adhesion recognition sequence

<400> 3499
Lys Ile Glu Lys Asp Thr Glu
1 5

<210> 3500
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
Desmocollin cell adhesion recognition sequence

<400> 3500
Lys Ile Glu Lys Asp Thr Gly Glu
1 5

Top Secret 68800T

<210> 3501
 <211> 7
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 Desmocollin cell adhesion recognition sequence

<400> 3501
 Lys Tyr Ile Glu Lys Asp Glu
 1 5

<210> 3502
 <211> 8
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 Desmocollin cell adhesion recognition sequence

<400> 3502
 Lys Tyr Ile Glu Lys Asp Thr Glu
 1 5

<210> 3503
 <211> 9
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 Desmocollin cell adhesion recognition sequence

<400> 3503
 Lys Tyr Ile Glu Lys Asp Thr Gly Glu
 1 5

<210> 3504
 <211> 8
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 Desmocollin cell adhesion recognition sequence

<400> 3504
 Lys Phe Tyr Ile Glu Lys Asp Glu
 1 5

<210> 3505
 <211> 9
 <212> PRT
 <213> Artificial Sequence

Lys Leu Phe Tyr Ile Glu Lys Asp Thr Gly Glu
 1 5 10

<210> 3510
 <211> 5
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 Desmocollin cell adhesion recognition sequence

<400> 3510
 Lys Glu Arg Asp Glu
 1 5

<210> 3511
 <211> 6
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 Desmocollin cell adhesion recognition sequence

<400> 3511
 Lys Glu Arg Asp Thr Glu
 1 5

<210> 3512
 <211> 7
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 Desmocollin cell adhesion recognition sequence

<400> 3512
 Lys Glu Arg Asp Thr Gly Glu
 1 5

<210> 3513
 <211> 6
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 Desmocollin cell adhesion recognition sequence

<400> 3513
 Lys Val Glu Arg Asp Glu
 1 5

<210> 3514
 <211> 7

400654-1004

<213> Artificial Sequence

<223> Representative cyclic modulating agent based on
Desmocollin cell adhesion recognition sequence

Lys Val Glu Arg Asp Thr Glu
1 5

<211> 8

<213> Artificial Sequence

<223> Representative cyclic modulating agent based on
Desmocollin cell adhesion recognition sequence

Lys Val Glu Arg Asp Thr Gly Glu
1 5

<211> 7

<213> Artificial Sequence

<223> Representative cyclic modulating agent based on
Desmocollin cell adhesion recognition sequence

Lys Tyr Val Glu Arg Asp Glu
1 5

<211> 8

<213> Artificial Sequence

<223> Representative cyclic modulating agent based on
Desmocollin cell adhesion recognition sequence

Lys Tyr Val Glu Arg Asp Thr Glu
1 5

<211> 9

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
Desmocollin cell adhesion recognition sequence

<400> 3518

Lys Tyr Val Glu Arg Asp Thr Gly Glu
1 5

<210> 3519

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
Desmocollin cell adhesion recognition sequence

<400> 3519

Lys Phe Tyr Val Glu Arg Asp Glu
1 5

<210> 3520

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
Desmocollin cell adhesion recognition sequence

<400> 3520

Lys Phe Tyr Val Glu Arg Asp Thr Glu
1 5

<210> 3521

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
Desmocollin cell adhesion recognition sequence

<400> 3521

Lys Phe Tyr Val Glu Arg Asp Thr Gly Glu
1 5 10

<210> 3522

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
Desmocollin cell adhesion recognition sequence

<400> 3522

Lys Leu Phe Tyr Val Glu Arg Asp Glu

1

5

<210> 3523
 <211> 10
 <212> PRT
 <213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
 Desmocollin cell adhesion recognition sequence

<400> 3523

Lys Leu Phe Tyr Val Glu Arg Asp Thr Glu
 1 5 10

<210> 3524
 <211> 11
 <212> PRT
 <213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
 Desmocollin cell adhesion recognition sequence

<400> 3524

Lys Leu Phe Tyr Val Glu Arg Asp Thr Gly Glu
 1 5 10

<210> 3525
 <211> 6
 <212> PRT
 <213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
 Desmocollin cell adhesion recognition sequence

<400> 3525

Lys Ile Glu Arg Asp Glu
 1 5

<210> 3526
 <211> 7
 <212> PRT
 <213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
 Desmocollin cell adhesion recognition sequence

<400> 3526

Lys Ile Glu Arg Asp Thr Glu
 1 5

<210> 3527
 <211> 8
 <212> PRT

1006339-1006339

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
Desmocollin cell adhesion recognition sequence

<400> 3527

Lys Ile Glu Arg Asp Thr Gly Glu
1 5

<210> 3528

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
Desmocollin cell adhesion recognition sequence

<400> 3528

Lys Tyr Ile Glu Arg Asp Glu
1 5

<210> 3529

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
Desmocollin cell adhesion recognition sequence

<400> 3529

Lys Tyr Ile Glu Arg Asp Thr Glu
1 5

<210> 3530

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
Desmocollin cell adhesion recognition sequence

<400> 3530

Lys Tyr Ile Glu Arg Asp Thr Gly Glu
1 5

<210> 3531

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
Desmocollin cell adhesion recognition sequence

10005869-10000000

<400> 3531
Lys Phe Tyr Ile Glu Arg Asp Glu
1 5

<210> 3532
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
Desmocollin cell adhesion recognition sequence

<400> 3532
Lys Phe Tyr Ile Glu Arg Asp Thr Glu
1 5

<210> 3533
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
Desmocollin cell adhesion recognition sequence

<400> 3533
Lys Phe Tyr Ile Glu Arg Asp Thr Gly Glu
1 5 10

<210> 3534
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
Desmocollin cell adhesion recognition sequence

<400> 3534
Lys Leu Phe Tyr Ile Glu Arg Asp Glu
1 5

<210> 3535
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
Desmocollin cell adhesion recognition sequence

<400> 3535
Lys Leu Phe Tyr Ile Glu Arg Asp Thr Glu
1 5 10

<210> 3536
 <211> 11
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 Desmocollin cell adhesion recognition sequence

<400> 3536
 Lys Leu Phe Tyr Ile Glu Arg Asp Thr Gly Glu
 1 5 10

<210> 3537
 <211> 5
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 Desmocollin cell adhesion recognition sequence

<400> 3537
 Glu Lys Asp Thr Gly
 1 5

<210> 3538
 <211> 5
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 Desmocollin cell adhesion recognition sequence

<400> 3538
 Ile Glu Lys Asp Thr
 1 5

<210> 3539
 <211> 6
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 Desmocollin cell adhesion recognition sequence

<400> 3539
 Ile Glu Lys Asp Thr Gly
 1 5

<210> 3540
 <211> 5
 <212> PRT
 <213> Artificial Sequence

10006369-120304

<220>

<223> Representative cyclic modulating agent based on
Desmocollin cell adhesion recognition sequence

<400> 3540

Tyr Ile Glu Lys Asp
1 5

<210> 3541

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
Desmocollin cell adhesion recognition sequence

<400> 3541

Tyr Ile Glu Lys Asp Thr
1 5

<210> 3542

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
Desmocollin cell adhesion recognition sequence

<400> 3542

Tyr Ile Glu Lys Asp Thr Gly
1 5

<210> 3543

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
Desmocollin cell adhesion recognition sequence

<400> 3543

Phe Tyr Ile Glu Lys Asp
1 5

<210> 3544

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
Desmocollin cell adhesion recognition sequence

<400> 3544

Pubmed 15939001

Phe Tyr Ile Glu Lys Asp Thr
1 5

```
<210> 3545
<211> 8
<212> PRT
<213> Artificial Sequence
```

<220>
<223> Representative cyclic modulating agent based on
Desmocollin cell adhesion recognition sequence

<400> 3545

Phe Tyr Ile Glu Lys Asp Thr Gly
1 5

```
<210> 3546
<211> 7
<212> PRT
<213> Artificial Sequence
```

<220>
<223> Representative cyclic modulating agent based on
Desmocollin cell adhesion recognition sequence

<400> 3546

Leu Phe Tyr Ile Glu Lys Asp
1 5

```
<210> 3547
<211> 8
<212> PRT
<213> Artificial Sequence
```

<220>
<223> Representative cyclic modulating agent based on
Desmocollin cell adhesion recognition sequence

<400> 3547

Leu Phe Tyr Ile Glu Lys Asp Thr
1 5

```
<210> 3548
<211> 9
<212> PRT
<213> Artificial Sequence
```

<220>
<223> Representative cyclic modulating agent based on
Desmocollin cell adhesion recognition sequence

<400> 3548

Leu Phe Tyr Ile Glu Lys Asp Thr Gly
1 5

$$\begin{array}{ll} \langle 210 \rangle & 3549 \\ \langle 211 \rangle & 5 \end{array}$$

<212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 Desmocollin cell adhesion recognition sequence

<400> 3549
 Glu Arg Asp Thr Gly
 1 5

<210> 3550
 <211> 5
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 Desmocollin cell adhesion recognition sequence

<400> 3550
 Val Glu Arg Asp Thr
 1 5

<210> 3551
 <211> 6
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 Desmocollin cell adhesion recognition sequence

<400> 3551
 Val Glu Arg Asp Thr Gly
 1 5

<210> 3552
 <211> 5
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 Desmocollin cell adhesion recognition sequence

<400> 3552
 Tyr Val Glu Arg Asp
 1 5

<210> 3553
 <211> 6
 <212> PRT
 <213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
Desmocollin cell adhesion recognition sequence

<400> 3553
Tyr Val Glu Arg Asp Thr
1 5

<210> 3554
<211> 7
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
Desmocollin cell adhesion recognition sequence

<400> 3554
Tyr Val Glu Arg Asp Thr Gly
1 5

<210> 3555
<211> 6
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
Desmocollin cell adhesion recognition sequence

<400> 3555
Phe Tyr Val Glu Arg Asp
1 5

<210> 3556
<211> 7
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
Desmocollin cell adhesion recognition sequence

<400> 3556
Phe Tyr Val Glu Arg Asp Thr
1 5

<210> 3557
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
Desmocollin cell adhesion recognition sequence

<400> 3557
Phe Tyr Val Glu Arg Asp Thr Gly

4006369-10304

1 5

<210> 3558
 <211> 7
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 Desmocollin cell adhesion recognition sequence

<400> 3558
 Leu Phe Tyr Val Glu Arg Asp
 1 5

<210> 3559
 <211> 8
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 Desmocollin cell adhesion recognition sequence

<400> 3559
 Leu Phe Tyr Val Glu Arg Asp Thr
 1 5

<210> 3560
 <211> 9
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 Desmocollin cell adhesion recognition sequence

<400> 3560
 Leu Phe Tyr Val Glu Arg Asp Thr Gly
 1 5

<210> 3561
 <211> 5
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 Desmocollin cell adhesion recognition sequence

<400> 3561
 Ile Glu Arg Asp Thr
 1 5

<210> 3562
 <211> 6
 <212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
Desmocollin cell adhesion recognition sequence

<400> 3562

Ile Glu Arg Asp Thr Gly
1 5

<210> 3563

<211> 5

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
Desmocollin cell adhesion recognition sequence

<400> 3563

Tyr Ile Glu Arg Asp
1 5

<210> 3564

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
Desmocollin cell adhesion recognition sequence

<400> 3564

Tyr Ile Glu Arg Asp Thr
1 5

<210> 3565

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
Desmocollin cell adhesion recognition sequence

<400> 3565

Tyr Ile Glu Arg Asp Thr Gly
1 5

<210> 3566

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
Desmocollin cell adhesion recognition sequence

TOC0001 69990001

<400> 3566

<210> 3567

 $\langle 220 \rangle$

<400> 3567

<210> 3568

 $\langle 220 \rangle$

<400> 3568

<210> 3569

 $\langle 220 \rangle$

<400> 3569

<210> 3570

 $\langle 220 \rangle$

<400> 3570

<210> 3571
 <211> 9
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 Desmocollin cell adhesion recognition sequence

<400> 3571
 Leu Phe Tyr Ile Glu Arg Asp Thr Gly
 1 5

<210> 3572
 <211> 5
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 cadherin-related neuronal receptor cell adhesion
 recognition sequence

<400> 3572
 Cys Asp Pro Val Cys
 1 5

<210> 3573
 <211> 6
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 cadherin-related neuronal receptor cell adhesion
 recognition sequence

<400> 3573
 Cys Asp Pro Val Ser Cys
 1 5

<210> 3574
 <211> 7
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 cadherin-related neuronal receptor cell adhesion
 recognition sequence

<400> 3574
 Cys Asp Pro Val Ser Gly Cys
 1 5

<210> 3575
 <211> 6

400524 635001

<212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 cadherin-related neuronal receptor cell adhesion
 recognition sequence

<400> 3575
 Cys Ile Asp Pro Val Cys
 1 5

<210> 3576
 <211> 7
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 cadherin-related neuronal receptor cell adhesion
 recognition sequence

<400> 3576
 Cys Ile Asp Pro Val Ser Cys
 1 5

<210> 3577
 <211> 8
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 cadherin-related neuronal receptor cell adhesion
 recognition sequence

<400> 3577
 Cys Ile Asp Pro Val Ser Gly Cys
 1 5

<210> 3578
 <211> 7
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 cadherin-related neuronal receptor cell adhesion
 recognition sequence

<400> 3578
 Cys His Ile Asp Pro Val Cys
 1 5

<210> 3579
 <211> 8
 <212> PRT

100694001

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-related neuronal receptor cell adhesion
recognition sequence

<400> 3579

Cys His Ile Asp Pro Val Ser Cys
1 5

<210> 3580

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-related neuronal receptor cell adhesion
recognition sequence

<400> 3580

Cys His Ile Asp Pro Val Ser Gly Cys
1 5

<210> 3581

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-related neuronal receptor cell adhesion
recognition sequence

<400> 3581

Cys Phe His Ile Asp Pro Val Cys
1 5

<210> 3582

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-related neuronal receptor cell adhesion
recognition sequence

<400> 3582

Cys Phe His Ile Asp Pro Val Ser Cys
1 5

<210> 3583

<211> 10

<212> PRT

FOUO 6299001

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-related neuronal receptor cell adhesion
recognition sequence

<400> 3583

| | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Cys | Phe | His | Ile | Asp | Pro | Val | Ser | Gly | Cys |
| 1 | | | | 5 | | | | | 10 |

<210> 3584

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-related neuronal receptor cell adhesion
recognition sequence

<400> 3584

| | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Cys | Lys | Phe | His | Ile | Asp | Pro | Val | Cys |
| 1 | | | | 5 | | | | |

<210> 3585

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-related neuronal receptor cell adhesion
recognition sequence

<400> 3585

| | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Cys | Lys | Phe | His | Ile | Asp | Pro | Val | Ser | Cys |
| 1 | | | | 5 | | | | | 10 |

<210> 3586

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-related neuronal receptor cell adhesion
recognition sequence

<400> 3586

| | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Cys | Lys | Phe | His | Ile | Asp | Pro | Val | Ser | Gly | Cys |
| 1 | | | | 5 | | | | | | 10 |

<210> 3587

<211> 5

<212> PRT

100586 093001

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-related neuronal receptor cell adhesion
recognition sequence

<400> 3591

Cys Ile Asp Ala Asp Cys
1 5

<210> 3592

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-related neuronal receptor cell adhesion
recognition sequence

<400> 3592

Cys Ile Asp Ala Asp Thr Gly Cys
1 5

<210> 3593

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-related neuronal receptor cell adhesion
recognition sequence

<400> 3593

Cys Ser Ile Asp Ala Asp Cys
1 5

<210> 3594

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-related neuronal receptor cell adhesion
recognition sequence

<400> 3594

Cys Ser Ile Asp Ala Asp Thr Cys
1 5

<210> 3595

<211> 9

<212> PRT

400 210 211 212 213 220 223

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-related neuronal receptor cell adhesion
recognition sequence

<400> 3599

Cys Gln Phe Ser Ile Asp Ala Asp Cys
1 5

<210> 3600

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-related neuronal receptor cell adhesion
recognition sequence

<400> 3600

Cys Gln Phe Ser Ile Asp Ala Asp Thr Cys
1 5 10

<210> 3601

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-related neuronal receptor cell adhesion
recognition sequence

<400> 3601

Cys Gln Phe Ser Ile Asp Ala Asp Thr Gly Cys
1 5 10

<210> 3602

<211> 5

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-related neuronal receptor cell adhesion
recognition sequence

<400> 3602

Cys Asp Ser Val Cys
1 5

<210> 3603

<211> 6

<212> PRT

100559-100559

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-related neuronal receptor cell adhesion
recognition sequence

<400> 3607

Cys Ile Asp Ser Val Ser Gly Cys
1 5

<210> 3608

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-related neuronal receptor cell adhesion
recognition sequence

<400> 3608

Cys His Ile Asp Ser Val Cys
1 5

<210> 3609

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-related neuronal receptor cell adhesion
recognition sequence

<400> 3609

Cys His Ile Asp Ser Val Ser Cys
1 5

<210> 3610

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-related neuronal receptor cell adhesion
recognition sequence

<400> 3610

Cys His Ile Asp Ser Val Ser Gly Cys
1 5

<210> 3611

<211> 8

<212> PRT

Patent 6,239,001

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-related neuronal receptor cell adhesion
recognition sequence

<400> 3611

Cys Phe His Ile Asp Ser Val Cys
1 5

<210> 3612

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-related neuronal receptor cell adhesion
recognition sequence

<400> 3612

Cys Phe His Ile Asp Ser Val Ser Cys
1 5

<210> 3613

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-related neuronal receptor cell adhesion
recognition sequence

<400> 3613

Cys Phe His Ile Asp Ser Val Ser Gly Cys
1 5 10

<210> 3614

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-related neuronal receptor cell adhesion
recognition sequence

<400> 3614

Cys Thr Phe His Ile Asp Ser Val Cys
1 5

<210> 3615

<211> 10

<212> PRT

10006994001 6994001

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-related neuronal receptor cell adhesion
recognition sequence

<400> 3615

| | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Cys | Thr | Phe | His | Ile | Asp | Ser | Val | Ser | Cys |
| 1 | | | | 5 | | | | 10 | |

<210> 3616

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-related neuronal receptor cell adhesion
recognition sequence

<400> 3616

| | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Cys | Thr | Phe | His | Ile | Asp | Ser | Val | Ser | Gly | Cys |
| 1 | | | | 5 | | | | | 10 | |

<210> 3617

<211> 5

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-related neuronal receptor cell adhesion
recognition sequence

<400> 3617

| | | | | |
|-----|-----|-----|-----|-----|
| Cys | Asp | Ser | Asn | Cys |
| 1 | | | 5 | |

<210> 3618

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-related neuronal receptor cell adhesion
recognition sequence

<400> 3618

| | | | | | |
|-----|-----|-----|-----|-----|-----|
| Cys | Asp | Ser | Asn | Ser | Cys |
| 1 | | | | 5 | |

<210> 3619

<211> 7

<212> PRT

#3615-3619

$\langle 220 \rangle$

<400> 3619

<210> 3620

$\langle 211 \rangle$ 6

<212> PRT

<220>

<400> 3620

$\langle 210 \rangle$ 3621

$\langle 211 \rangle$ 7

<212> PRT

 $\langle 220 \rangle$

<400> 3621

<210> 3622

$\langle 211 \rangle$ 8

<212> PRT

<220>

<400> 3622

<210> 3623

<211> 7

<212> PRT

<220>

<400> 3623

<210> 3624

<211> 8

<212> PRT

 $\langle 220 \rangle$

<400> 3624

<210> 3625

$\langle 211 \rangle$ 9

<212> PRT

 $\langle 220 \rangle$

<400> 3625

<210> 3626

 $\langle 211 \rangle$ 8

<212> PRT

<220>

<400> 3626

<210> 3627

<211> 9

<212> PRT

$\langle 220 \rangle$

<400> 3627

<210> 3628

<211> 10

<212> PRT

 $\langle 220 \rangle$

<400> 3628

<210> 3629

<211> 9

<212> PRT

 $\langle 220 \rangle$

<400> 3629

<210> 3630

<211> 7

<212> PRT

$\langle 220 \rangle$

<400> 3630

<210> 3631

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-related neuronal receptor cell adhesion
recognition sequence

<400> 3631

| | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Cys | Ala | Phe | Asn | Ile | Asp | Ser | Asn | Ser | Cys |
| 1 | | | | 5 | | | | | 10 |

<210> 3632

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-related neuronal receptor cell adhesion
recognition sequence

<400> 3632

| | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Cys | Ala | Phe | Asn | Ile | Asp | Ser | Asn | Ser | Gly | Cys |
| 1 | | | | 5 | | | | | | 10 |

<210> 3633

<211> 5

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-related neuronal receptor cell adhesion
recognition sequence

<400> 3633

| | | | | |
|-----|-----|-----|-----|-----|
| Cys | Asp | Ser | Ser | Cys |
| 1 | | | 5 | |

<210> 3634

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-related neuronal receptor cell adhesion
recognition sequence

<400> 3634

| | | | | | |
|-----|-----|-----|-----|-----|-----|
| Cys | Asp | Ser | Ser | Ser | Cys |
| 1 | | | | 5 | |

<210> 3635

<211> 7

<212> PRT

Pubmed 5930001

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-related neuronal receptor cell adhesion
recognition sequence

<400> 3635

Cys Asp Ser Ser Ser Gly Cys
1 5

<210> 3636

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-related neuronal receptor cell adhesion
recognition sequence

<400> 3636

Cys Ile Asp Ser Ser Cys
1 5

<210> 3637

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-related neuronal receptor cell adhesion
recognition sequence

<400> 3637

Cys Ile Asp Ser Ser Ser Cys
1 5

<210> 3638

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-related neuronal receptor cell adhesion
recognition sequence

<400> 3638

Cys Ile Asp Ser Ser Ser Gly Cys
1 5

<210> 3639

<211> 7

<212> PRT

400545-1204

<220>

<400> 3639

<210> 3640

$\langle 211 \rangle$ 8

<212> PRT

<220>

<400> 3640

<210> 3641

<211> 9

<212> PRT

 $\langle 220 \rangle$

<400> 3641

<210> 3642

$\langle 211 \rangle$ 8

<212> PRT

<220>

<400> 3642

<210> 3643

<211> 9

<212> PRT

$\langle 220 \rangle$

<400> 3643

<210> 3644

$\langle 211 \rangle$ 10

<212> PRT

 $\langle 220 \rangle$

<400> 3644

<210> 3645

$\langle 211 \rangle$ 9

<212> PRT

 $\langle 220 \rangle$

<400> 3645

<210> 3646

<211> 10

<212> PRT

<220>

<400> 3646

<210> 3647

<211> 11

<212> PRT

$\langle 220 \rangle$

<400> 3647

<210> 3648

<211> 5

<212> PRT

$\langle 220 \rangle$

<400> 3648

<210> 3649

 $\langle 211 \rangle$ 6

<212> PRT

 $\langle 220 \rangle$

<400> 3649

<210> 3650

<211> 7

<212> PRT

<220>

<400> 3650

<210> 3651

$\langle 211 \rangle$ 6

<212> PRT

<220>

<400> 3651

<210> 3652

<211> 7

<212> PRT

<220>

<400> 3652

<210> 3653

<211> 8

<212> PRT

<220>

<400> 3653

<210> 3654

<211> 7

<212> PRT

<220>

<400> 3654

<210> 3655

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-related neuronal receptor cell adhesion
recognition sequence

<400> 3655

Cys Thr Leu Asp Glu Lys Asn Cys
1 5

<210> 3656

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-related neuronal receptor cell adhesion
recognition sequence

<400> 3656

Cys Thr Leu Asp Glu Lys Asn Gly Cys
1 5

<210> 3657

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-related neuronal receptor cell adhesion
recognition sequence

<400> 3657

Cys Phe Thr Leu Asp Glu Lys Cys
1 5

<210> 3658

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-related neuronal receptor cell adhesion
recognition sequence

<400> 3658

Cys Phe Thr Leu Asp Glu Lys Asn Cys
1 5

<210> 3659

<211> 10

<212> PRT

1000669-120204

<220>

<400> 3659

<210> 3660

<211> 9

<212> PRT

 $\langle 220 \rangle$

<400> 3660

<210> 3661

$\langle 211 \rangle$ 10

<212> PRT

 $\langle 220 \rangle$

<400> 3661

<210> 3662

<211> 11

<212> PRT

<220>

<400> 3662

<210> 3663

<211> 5

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-related neuronal receptor cell adhesion
recognition sequence

<400> 3663

Cys Asn Glu Lys Cys
1 5

<210> 3664

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-related neuronal receptor cell adhesion
recognition sequence

<400> 3664

Cys Asn Glu Lys Thr Cys
1 5

<210> 3665

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-related neuronal receptor cell adhesion
recognition sequence

<400> 3665

Cys Asn Glu Lys Thr Gly Cys
1 5

<210> 3666

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-related neuronal receptor cell adhesion
recognition sequence

<400> 3666

Cys Ile Asn Glu Lys Cys
1 5

<210> 3667

<211> 7

<212> PRT

436364656667

<220>

<400> 3667

<210> 3668

<211> 8

<212> PRT

<220>

<400> 3668

<210> 3669

<211> 7

<212> PRT

 $\langle 220 \rangle$

<400> 3669

<210> 3670

$\langle 211 \rangle$ 8

<212> PRT

<220>

<400> 3670

<210> 3671

<211> 9

<212> PRT

<220>

<400> 3671

<210> 3672

<211> 8

<212> PRT

 $\langle 220 \rangle$

<400> 3672

<210> 3673

$\langle 211 \rangle$ 9

<212> PRT

<220>

<400> 3673

<210> 3674

$\langle 211 \rangle$ 10

<212> PRT

<220>

<400> 3674

<210> 3675

<211> 9

<212> PRT

<220>

<400> 3675

<210> 3676

<211> 10

<212> PRT

<220>

<400> 3676

<210> 3677

$\langle 211 \rangle$ 11

<212> PRT

 $\langle 220 \rangle$

<400> 3677

<210> 3678

<211> 5

<212> PRT

<220>

<400> 3678

<210> 3679

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-related neuronal receptor cell adhesion
recognition sequence

<400> 3679

Glu Asp Pro Val Ser Lys
1 5

<210> 3680

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-related neuronal receptor cell adhesion
recognition sequence

<400> 3680

Glu Asp Pro Val Ser Gly Lys
1 5

<210> 3681

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-related neuronal receptor cell adhesion
recognition sequence

<400> 3681

Glu Ile Asp Pro Val Lys
1 5

<210> 3682

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-related neuronal receptor cell adhesion
recognition sequence

<400> 3682

Glu Ile Asp Pro Val Ser Lys
1 5

<210> 3683

<211> 8

<212> PRT

1005554000

<220>

<400> 3683

<210> 3684

<211> 7

<212> PRT

<220>

<400> 3684

<210> 3685

$\langle 211 \rangle$ 8

<212> PRT

$\langle 220 \rangle$

<400> 3685

<210> 3686

<211> 9

<212> PRT

<220>

<400> 3686

<210> 3687

<211> 8

<212> PRT

$\langle 220 \rangle$

<400> 3687

<210> 3688

<211> 9

<212> PRT

<220>

<400> 3688

<210> 3689

<211> 10

<212> PRT

 $\langle 220 \rangle$

<400> 3689

<210> 3690

<211> 9

<212> PRT

<220>

<400> 3690

<210> 3691

<211> 10

<212> PRT

<220>

<400> 3691

<210> 3692

$\langle 211 \rangle$ 11

<212> PRT

 $\langle 220 \rangle$

<400> 3692

<210> 3693

<211> 5

<212> PRT

<220>

<400> 3693

<210> 3694

<211> 6

<212> PRT

<220>

<400> 3694

<210> 3695

$\langle 211 \rangle$ 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-related neuronal receptor cell adhesion
recognition sequence

<400> 3695

Glu Asp Ala Asp Thr Gly Lys
1 5

<210> 3696

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-related neuronal receptor cell adhesion
recognition sequence

<400> 3696

Glu Ile Asp Ala Asp Lys
1 5

<210> 3697

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-related neuronal receptor cell adhesion
recognition sequence

<400> 3697

Glu Ile Asp Ala Asp Thr Lys
1 5

<210> 3698

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-related neuronal receptor cell adhesion
recognition sequence

<400> 3698

Glu Ile Asp Ala Asp Thr Gly Lys
1 5

<210> 3699

<211> 7

<212> PRT

1000569 12020

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-related neuronal receptor cell adhesion
recognition sequence

<400> 3699

Glu Ser Ile Asp Ala Asp Lys
1 5

<210> 3700

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-related neuronal receptor cell adhesion
recognition sequence

<400> 3700

Glu Ser Ile Asp Ala Asp Thr Lys
1 5

<210> 3701

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-related neuronal receptor cell adhesion
recognition sequence

<400> 3701

Glu Ser Ile Asp Ala Asp Thr Gly Lys
1 5

<210> 3702

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-related neuronal receptor cell adhesion
recognition sequence

<400> 3702

Glu Phe Ser Ile Asp Ala Asp Lys
1 5

<210> 3703

<211> 9

<212> PRT

100664200

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-related neuronal receptor cell adhesion
recognition sequence

<400> 3703

Glu Phe Ser Ile Asp Ala Asp Thr Lys
1 5

<210> 3704

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-related neuronal receptor cell adhesion
recognition sequence

<400> 3704

Glu Phe Ser Ile Asp Ala Asp Thr Gly Lys
1 5 10

<210> 3705

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-related neuronal receptor cell adhesion
recognition sequence

<400> 3705

Glu Gln Phe Ser Ile Asp Ala Asp Lys
1 5

<210> 3706

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-related neuronal receptor cell adhesion
recognition sequence

<400> 3706

Glu Gln Phe Ser Ile Asp Ala Asp Thr Lys
1 5 10

<210> 3707

<211> 11

<212> PRT

400636-1000

<220>

<400> 3707

<210> 3708

$\langle 211 \rangle$ 5

<212> PRT

 $\langle 220 \rangle$

<400> 3708

<210> 3709

<211> 6

<212> PRT

 $\langle 220 \rangle$

<400> 3709

<210> 3710

$\langle 211 \rangle$ 7

<212> PRT

<220>

<400> 3710

<210> 3711

<211> 6

<212> PRT

$\langle 220 \rangle$

<400> 3711

<210> 3712

<211> 7

<212> PRT

 $\langle 220 \rangle$

<400> 3712

<210> 3713

<211> 8

<212> PRT

 $\langle 220 \rangle$

<400> 3713

<210> 3714

<211> 7

<212> PRT

<220>

<400> 3714

<210> 3715

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-related neuronal receptor cell adhesion
recognition sequence

<400> 3715

Glu His Ile Asp Ser Val Ser Lys
1 5

<210> 3716

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-related neuronal receptor cell adhesion
recognition sequence

<400> 3716

Glu His Ile Asp Ser Val Ser Gly Lys
1 5

<210> 3717

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-related neuronal receptor cell adhesion
recognition sequence

<400> 3717

Glu Phe His Ile Asp Ser Val Lys
1 5

<210> 3718

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-related neuronal receptor cell adhesion
recognition sequence

<400> 3718

Glu Phe His Ile Asp Ser Val Ser Lys
1 5

<210> 3719

<211> 10

<212> PRT

Publ. No. 93/0001

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-related neuronal receptor cell adhesion
recognition sequence

<400> 3719

Glu Phe His Ile Asp Ser Val Ser Gly Lys
1 5 10

<210> 3720

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-related neuronal receptor cell adhesion
recognition sequence

<400> 3720

Glu Thr Phe His Ile Asp Ser Val Lys
1 5

<210> 3721

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-related neuronal receptor cell adhesion
recognition sequence

<400> 3721

Glu Thr Phe His Ile Asp Ser Val Ser Lys
1 5 10

<210> 3722

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-related neuronal receptor cell adhesion
recognition sequence

<400> 3722

Glu Thr Phe His Ile Asp Ser Val Ser Gly Lys
1 5 10

<210> 3723

<211> 5

<212> PRT

1006869-12004

$\langle 220 \rangle$

<400> 3723

1

<211> 6

<212> PRT

 $\langle 220 \rangle$

<400> 3724

1

<211> 7

<212> PRT

 $\langle 220 \rangle$

<400> 3725

1

<211> 6

<212> PRT

<220>

<400> 3726

1

 $\langle 211 \rangle$ 7

<212> PRT

<220>

<400> 3727

<210> 3728

$\langle 211 \rangle$ 8

<212> PRT

 $\langle 220 \rangle$

<400> 3728

<210> 3729

 $\langle 211 \rangle$ 7

<212> PRT

 $\langle 220 \rangle$

<400> 3729

<210> 3730

<211> 8

<212> PRT

<220>

<400> 3730

<210> 3731

<211> 9

<212> PRT

<220>

<400> 3731

<210> 3732

<211> 8

<212> PRT

 $\langle 220 \rangle$

<400> 3732

<210> 3733

<211> 9

<212> PRT

 $\langle 220 \rangle$

<400> 3733

<210> 3734

<211> 10

<212> PRT

<220>

<400> 3734

<210> 3735

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-related neuronal receptor cell adhesion
recognition sequence

<400> 3735

Glu Ala Phe Asn Ile Asp Ser Asn Lys
1 5

<210> 3736

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-related neuronal receptor cell adhesion
recognition sequence

<400> 3736

Glu Ile Ile Asn Glu Asn Thr Lys
1 5

<210> 3737

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-related neuronal receptor cell adhesion
recognition sequence

<400> 3737

Glu Ala Phe Asn Ile Asp Ser Asn Ser Lys
1 5 10

<210> 3738

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-related neuronal receptor cell adhesion
recognition sequence

<400> 3738

Glu Ala Phe Asn Ile Asp Ser Asn Ser Gly Lys
1 5 10

<210> 3739

<211> 5

<212> PRT

100565-1000

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-related neuronal receptor cell adhesion
recognition sequence

<400> 3739

Glu Asp Ser Ser Lys
1 5

<210> 3740

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-related neuronal receptor cell adhesion
recognition sequence

<400> 3740

Glu Asp Ser Ser Ser Lys
1 5

<210> 3741

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-related neuronal receptor cell adhesion
recognition sequence

<400> 3741

Glu Asp Ser Ser Ser Gly Lys
1 5

<210> 3742

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-related neuronal receptor cell adhesion
recognition sequence

<400> 3742

Glu Ile Asp Ser Ser Lys
1 5

<210> 3743

<211> 7

<212> PRT

100669-1000
F0002-639001

<220>

<400> 3743

<210> 3744

$\langle 211 \rangle$ 8

<212> PRT

 $\langle 220 \rangle$

<400> 3744

<210> 3745

<211> 7

<212> PRT

 $\langle 220 \rangle$

<400> 3745

<210> 3746

<211> 8

<212> PRT

<220>

<400> 3746

<210> 3747

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-related neuronal receptor cell adhesion
recognition sequence

<400> 3747

Glu Thr Ile Asp Ser Ser Ser Gly Lys
1 5

<210> 3748

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-related neuronal receptor cell adhesion
recognition sequence

<400> 3748

Glu Phe Thr Ile Asp Ser Ser Lys
1 5

<210> 3749

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-related neuronal receptor cell adhesion
recognition sequence

<400> 3749

Glu Phe Thr Ile Asp Ser Ser Ser Lys
1 5

<210> 3750

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-related neuronal receptor cell adhesion
recognition sequence

<400> 3750

Glu Phe Thr Ile Asp Ser Ser Ser Gly Lys
1 5 10

<210> 3751

<211> 9

<212> PRT

10006869-120301

$\langle 220 \rangle$

<400> 3751

<210> 3752

<211> 10

<212> PRT

<220>

<400> 3752

<210> 3753

<211> 11

<212> PRT

 $\langle 220 \rangle$

<400> 3753

<210> 3754

<211> 5

<212> PRT

<220>

<400> 3754

<210> 3755

$\langle 211 \rangle$ 6

<212> PRT

$\langle 220 \rangle$

<400> 3755

<210> 3756

<211> 7

<212> PRT

 $\langle 220 \rangle$

<400> 3756

<210> 3757

$\langle 211 \rangle$ 6

<212> PRT

 $\langle 220 \rangle$

<400> 3757

<210> 3758

<211> 7

<212> PRT

<220>

<400> 3758

<210> 3759

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-related neuronal receptor cell adhesion
recognition sequence

<400> 3759

Glu Leu Asp Glu Lys Asn Gly Lys
1 5

<210> 3760

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-related neuronal receptor cell adhesion
recognition sequence

<400> 3760

Glu Thr Leu Asp Glu Lys Lys
1 5

<210> 3761

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-related neuronal receptor cell adhesion
recognition sequence

<400> 3761

Glu Thr Leu Asp Glu Lys Asn Lys
1 5

<210> 3762

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-related neuronal receptor cell adhesion
recognition sequence

<400> 3762

Glu Thr Leu Asp Glu Lys Asn Gly Lys
1 5

<210> 3763

<211> 8

<212> PRT

Patent 5,935,000

<220>

<400> 3763

<210> 3764

<211> 9

<212> PRT

 $\langle 220 \rangle$

<400> 3764

<210> 3765

<211> 10

<212> PRT

<220>

<400> 3765

<210> 3766

<211> 9

<212> PRT

<220>

<400> 3766

<210> 3767

<211> 10

<212> PRT

<220>

<400> 3767

<210> 3768

$\langle 211 \rangle$ 11

<212> PRT

 $\langle 220 \rangle$

<400> 3768

<210> 3769

<211> 5

<212> PRT

 $\langle 220 \rangle$

<400> 3769

<210> 3770

<211> 6

<212> PRT

<220>

<400> 3770

<210> 3771

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-related neuronal receptor cell adhesion
recognition sequence

<400> 3771

Glu Asn Glu Lys Thr Gly Lys
1 5

<210> 3772

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-related neuronal receptor cell adhesion
recognition sequence

<400> 3772

Glu Ile Asn Glu Lys Lys
1 5

<210> 3773

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-related neuronal receptor cell adhesion
recognition sequence

<400> 3773

Glu Ile Asn Glu Lys Thr Lys
1 5

<210> 3774

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-related neuronal receptor cell adhesion
recognition sequence

<400> 3774

Glu Ile Asn Glu Lys Thr Gly Lys
1 5

<210> 3775

<211> 7

<212> PRT

100569-1004

<220>

<400> 3775

<210> 3776

$\langle 211 \rangle$ 8

<212> PRT

 $\langle 220 \rangle$

<400> 3776

<210> 3777

<211> 9

<212> PRT

 $\langle 220 \rangle$

<400> 3777

<210> 3778

<211> 8

<212> PRT

<220>

<400> 3778

<210> 3779

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-related neuronal receptor cell adhesion
recognition sequence

<400> 3779

Glu Phe Leu Ile Asn Glu Lys Thr Lys
1 5

<210> 3780

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-related neuronal receptor cell adhesion
recognition sequence

<400> 3780

Glu Phe Leu Ile Asn Glu Lys Thr Gly Lys
1 5 10

<210> 3781

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-related neuronal receptor cell adhesion
recognition sequence

<400> 3781

Glu Lys Phe Leu Ile Asn Glu Lys Lys
1 5

<210> 3782

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-related neuronal receptor cell adhesion
recognition sequence

<400> 3782

Glu Lys Phe Leu Ile Asn Glu Lys Thr Lys
1 5 10

<210> 3783

<211> 11

<212> PRT

1000599-120304

$\langle 220 \rangle$

<400> 3783

<210> 3784

$\langle 211 \rangle$ 5

<212> PRT

 $\langle 220 \rangle$

<400> 3784

<210> 3785

$\langle 211 \rangle$ 6

<212> PRT

 $\langle 220 \rangle$

<400> 3785

<210> 3786

$\langle 211 \rangle$ 7

<212> PRT

<220>

<400> 3786

<210> 3787

$\langle 211 \rangle$ 6

<212> PRT

<220>

<400> 3787

<210> 3788

<211> 7

<212> PRT

<220>

<400> 3788

<210> 3789

<211> 8

<212> PRT

<220>

<400> 3789

<210> 3790

<211> 7

<212> PRT

<220>

<400> 3790

<210> 3791

<211> 8

<212> PRT

<220>

<400> 3791

<210> 3792

211 9

<212> PRT

 $\langle 220 \rangle$

<400> 3792

<210> 3793

<211> 8

<212> PRT

<220>

<400> 3793

<210> 3794

<211> 9

<212> PRT

$\langle 220 \rangle$

<400> 3794

<210> 3795

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-related neuronal receptor cell adhesion
recognition sequence

<400> 3795

| | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Lys | Phe | His | Ile | Asp | Pro | Val | Ser | Gly | Asp |
| 1 | | | | 5 | | | | | 10 |

<210> 3796

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-related neuronal receptor cell adhesion
recognition sequence

<400> 3796

| | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Lys | Lys | Phe | His | Ile | Asp | Pro | Val | Asp |
| 1 | | | | 5 | | | | |

<210> 3797

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-related neuronal receptor cell adhesion
recognition sequence

<400> 3797

| | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Lys | Lys | Phe | His | Ile | Asp | Pro | Val | Ser | Asp |
| 1 | | | | 5 | | | | | 10 |

<210> 3798

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-related neuronal receptor cell adhesion
recognition sequence

<400> 3798

| | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Lys | Lys | Phe | His | Ile | Asp | Pro | Val | Ser | Gly | Asp |
| 1 | | | | 5 | | | | | | 10 |

<210> 3799

<211> 5

<212> PRT

40066-49900

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-related neuronal receptor cell adhesion
recognition sequence

<400> 3799

Lys Asp Ala Asp Asp
1 5

<210> 3800

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-related neuronal receptor cell adhesion
recognition sequence

<400> 3800

Lys Asp Ala Asp Thr Asp
1 5

<210> 3801

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-related neuronal receptor cell adhesion
recognition sequence

<400> 3801

Lys Asp Ala Asp Thr Gly Asp
1 5

<210> 3802

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-related neuronal receptor cell adhesion
recognition sequence

<400> 3802

Lys Ile Asp Ala Asp Asp
1 5

<210> 3803

<211> 7

<212> PRT

Top of page 6933001

<220>

<400> 3803

<210> 3804

<211> 8

<212> PRT

 $\langle 220 \rangle$

<400> 3804

<210> 3805

$\langle 211 \rangle$ 7

<212> PRT

<220>

<400> 3805

<210> 3806

$\langle 211 \rangle$ 8

<212> PRT

 $\langle 220 \rangle$

<400> 3806

<210> 3807

$\langle 211 \rangle$ 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-related neuronal receptor cell adhesion
recognition sequence

<400> 3807

Lys Ser Ile Asp Ala Asp Thr Gly Asp
1 5

<210> 3808

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-related neuronal receptor cell adhesion
recognition sequence

<400> 3808

Lys Phe Ser Ile Asp Ala Asp Asp
1 5

<210> 3809

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-related neuronal receptor cell adhesion
recognition sequence

<400> 3809

Lys Phe Ser Ile Asp Ala Asp Thr Asp
1 5

<210> 3810

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-related neuronal receptor cell adhesion
recognition sequence

<400> 3810

Lys Phe Ser Ile Asp Ala Asp Thr Gly Asp
1 5 10

<210> 3811

<211> 9

<212> PRT

10006369 120301

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-related neuronal receptor cell adhesion
recognition sequence

<400> 3811

Lys Gln Phe Ser Ile Asp Ala Asp Asp
1 5

<210> 3812

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-related neuronal receptor cell adhesion
recognition sequence

<400> 3812

Lys Gln Phe Ser Ile Asp Ala Asp Thr Asp
1 5 10

<210> 3813

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-related neuronal receptor cell adhesion
recognition sequence

<400> 3813

Lys Gln Phe Ser Ile Asp Ala Asp Thr Gly Asp
1 5 10

<210> 3814

<211> 5

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-related neuronal receptor cell adhesion
recognition sequence

<400> 3814

Lys Asp Ser Val Asp
1 5

<210> 3815

<211> 6

<212> PRT

TOP SECRET

$\langle 220 \rangle$

<400> 3815

<210> 3816

 $\langle 211 \rangle$ 7

<212> PRT

 $\langle 220 \rangle$

<400> 3816

<210> 3817

$\langle 211 \rangle$ 6

<212> PRT

<220>

<400> 3817

<210> 3818

<211> 7

<212> PRT

 $\langle 220 \rangle$

<400> 3818

<210> 3819

<211> 8

<212> PRT

$\langle 220 \rangle$

<400> 3819

<210> 3820

<211> 7

<212> PRT

 $\langle 220 \rangle$

<400> 3820

<210> 3821

$\langle 211 \rangle$ 8

<212> PRT

 $\langle 220 \rangle$

<400> 3821

<210> 3822

$\langle 211 \rangle$ 9

<212> PRT

<220>

<400> 3822

<210> 3823

<211> 8

<212> PRT

$\langle 220 \rangle$

<400> 3823

<210> 3824

<211> 9

<212> PRT

<220>

<400> 3824

<210> 3825

<211> 10

<212> PRT

 $\langle 220 \rangle$

<400> 3825

<210> 3826

<211> 9

<212> PRT

<220>

<400> 3826

<210> 3827

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-related neuronal receptor cell adhesion
recognition sequence

<400> 3827

| | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Lys | Thr | Phe | His | Ile | Asp | Ser | Val | Ser | Asp |
| 1 | | | | 5 | | | | 10 | |

<210> 3828

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-related neuronal receptor cell adhesion
recognition sequence

<400> 3828

| | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Lys | Thr | Phe | His | Ile | Asp | Ser | Val | Ser | Gly | Asp |
| 1 | | | | 5 | | | | | 10 | |

<210> 3829

<211> 5

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-related neuronal receptor cell adhesion
recognition sequence

<400> 3829

| | | | | |
|-----|-----|-----|-----|-----|
| Lys | Asp | Ser | Asn | Asp |
| 1 | | | 5 | |

<210> 3830

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-related neuronal receptor cell adhesion
recognition sequence

<400> 3830

| | | | | | |
|-----|-----|-----|-----|-----|-----|
| Lys | Asp | Ser | Asn | Ser | Asp |
| 1 | | | | 5 | |

<210> 3831

<211> 7

<212> PRT

10005259-10005259

<220>

<400> 3831

<210> 3832

<211> 6

<212> PRT

 $\langle 220 \rangle$

<400> 3832

<210> 3833

<211> 7

<212> PRT

 $\langle 220 \rangle$

<400> 3833

<210> 3834

<211> 8

<212> PRT

<220>

<400> 3834

<210> 3835

<211> 7

<212> PRT

$\langle 220 \rangle$

<400> 3835

<210> 3836

<211> 8

<212> PRT

 $\langle 220 \rangle$

<400> 3836

<210> 3837

$\langle 211 \rangle$ 9

<212> PRT

<220>

<400> 3837

<210> 3838

<211> 8

<212> PRT

<220>

<400> 3838

<210> 3839

<211> 9

<212> PRT

<220>

<400> 3839

<210> 3840

$\langle 211 \rangle$ 10

<212> PRT

<220>

<400> 3840

<210> 3841

<211> 9

<212> PRT

 $\langle 220 \rangle$

<400> 3841

<210> 3842

<211> 9

<212> PRT

 $\langle 220 \rangle$

<400> 3842

<210> 3843

<211> 10

<212> PRT

<220>

<400> 3843

<210> 3844

<211> 11

<212> PRT

 $\langle 220 \rangle$

<400> 3844

<210> 3845

$\langle 211 \rangle$ 5

<212> PRT

 $\langle 220 \rangle$

<400> 3845

<210> 3846

 $\langle 211 \rangle$ 6

<212> PRT

<220>

<400> 3846

<210> 3847

$\langle 211 \rangle$ 7

<212> PRT

$\langle 220 \rangle$

<400> 3847

<210> 3848

 $\langle 211 \rangle$ 6

<212> PRT

<220>

<400> 3848

<210> 3849

<211> 7

<212> PRT

 $\langle 220 \rangle$

<400> 3849

<210> 3850

<211> 8

<212> PRT

<220>

<400> 3850

<210> 3851

<211> 7

<212> PRT

<220>

<400> 3851

<210> 3852

<211> 8

<212> PRT

 $\langle 220 \rangle$

<400> 3852

<210> 3853

<211> 9

<212> PRT

 $\langle 220 \rangle$

<400> 3853

<210> 3854

<211> 8

<212> PRT

 $\langle 220 \rangle$

<400> 3854

<210> 3855

<211> 9

<212> PRT

$\langle 220 \rangle$

<400> 3855

<210> 3856

<211> 10

<212> PRT

 $\langle 220 \rangle$

<400> 3856

<210> 3857

<211> 9

<212> PRT

 $\langle 220 \rangle$

<400> 3857

<210> 3858

<211> 10

<212> PRT

<220>

<400> 3858

<210> 3859

<211> 11

<212> PRT

$\langle 220 \rangle$

<400> 3859

<210> 3860

$\langle 211 \rangle$ 5

<212> PRT

 $\langle 220 \rangle$

<400> 3860

<210> 3861

<211> 6

<212> PRT

 $\langle 220 \rangle$

<400> 3861

<210> 3862

<211> 7

<212> PRT

<220>

<400> 3862

<210> 3863

<211> 6

<212> PRT

$\langle 220 \rangle$

<400> 3863

<210> 3864

<211> 7

<212> PRT

 $\langle 220 \rangle$

<400> 3864

<210> 3865

$\langle 211 \rangle$ 8

<212> PRT

 $\langle 220 \rangle$

<400> 3865

<210> 3866

$\langle 211 \rangle$ 7

<212> PRT

<220>

<400> 3866

<210> 3867

$\langle 211 \rangle$ 8

<212> PRT

<220>

<400> 3867

<210> 3868

<211> 9

<212> PRT

 $\langle 220 \rangle$

<400> 3868

<210> 3869

<211> 8

<212> PRT

 $\langle 220 \rangle$

<400> 3869

<210> 3870

<211> 9

<212> PRT

<220>

<400> 3870

<210> 3871

<211> 10

<212> PRT

<220>

<400> 3871

<210> 3872

<211> 9

<212> PRT

 $\langle 220 \rangle$

<400> 3872

<210> 3873

$\langle 211 \rangle$ 10

<212> PRT

 $\langle 220 \rangle$

<400> 3873

<210> 3874

<211> 11

<212> PRT

$\langle 220 \rangle$

<400> 3874

<210> 3875

<211> 5

<212> PRT

<220>

<400> 3875

<210> 3876

<211> 6

<212> PRT

<220>

<400> 3876

<210> 3877

$\langle 211 \rangle$ 7

<212> PRT

 $\langle 220 \rangle$

<400> 3877

<210> 3878

$\langle 211 \rangle$ 6

<212> PRT

<220>

<400> 3878

<210> 3879

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-related neuronal receptor cell adhesion
recognition sequence

<400> 3879

Lys Ile Asn Glu Lys Thr Asp
1 5

<210> 3880

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-related neuronal receptor cell adhesion
recognition sequence

<400> 3880

Lys Ile Asn Glu Lys Thr Gly Asp
1 5

<210> 3881

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-related neuronal receptor cell adhesion
recognition sequence

<400> 3881

Lys Leu Ile Asn Glu Lys Asp
1 5

<210> 3882

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-related neuronal receptor cell adhesion
recognition sequence

<400> 3882

Lys Leu Ile Asn Glu Lys Thr Asp
1 5

<210> 3883

<211> 9

<212> PRT

1000636100

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-related neuronal receptor cell adhesion
recognition sequence

<400> 3883

Lys Leu Ile Asn Glu Lys Thr Gly Asp
1 5

<210> 3884

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-related neuronal receptor cell adhesion
recognition sequence

<400> 3884

Lys Phe Leu Ile Asn Glu Lys Asp
1 5

<210> 3885

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-related neuronal receptor cell adhesion
recognition sequence

<400> 3885

Lys Phe Leu Ile Asn Glu Lys Thr Asp
1 5

<210> 3886

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-related neuronal receptor cell adhesion
recognition sequence

<400> 3886

Lys Phe Leu Ile Asn Glu Lys Thr Gly Asp
1 5 10

<210> 3887

<211> 9

<212> PRT

1000669-120204

$\langle 220 \rangle$

<400> 3887

<210> 3888

$\langle 211 \rangle$ 10

<212> PRT

 $\langle 220 \rangle$

<400> 3888

<210> 3889

 $\langle 211 \rangle$ 11

<212> PRT

<220>

<400> 3889

<210> 3890

<211> 10

<212> PRT

<220>

<400> 3890

<210> 3891

<211> 7

<212> PRT

<213> Artificial Sequence

<223> Representative cyclic modulating agent based on
cadherin-6 cell adhesion recognition sequence

Glu Asn Glu Asn Thr Gly Lys
1 5

<213> Artificial Sequence

<223> Representative cyclic modulating agent based on
cadherin-6 cell adhesion recognition sequence

Glu Ile Asn Glu Asn Thr Gly Lys
1 5

<213> Artificial Sequence

<223> Representative cyclic modulating agent based on
cadherin-6 cell adhesion recognition sequence

Glu Ile Ile Asn Glu Asn Thr Gly Lys
1 5

<213> Artificial Sequence

<223> Representative cyclic modulating agent based on cadherin-6 cell adhesion recognition sequence

Glu Phe Ile Ile Asn Glu Asn Thr Gly Lys
1 5 10

<213> Artificial Sequence

<223> Representative cyclic modulating agent based on cadherin-6 cell adhesion recognition sequence

<400> 3895

Glu Leu Phe Ile Ile Asn Glu Asn Thr Gly Lys
 1 5 10

<210> 3896

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
 cadherin-7 cell adhesion recognition sequence

<400> 3896

Asp Ile Ile Asp Glu Asn Thr Lys
 1 5

<210> 3897

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
 cadherin-7 cell adhesion recognition sequence

<400> 3897

Asp Phe Ile Ile Asp Glu Asn Thr Lys
 1 5

<210> 3898

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
 cadherin-7 cell adhesion recognition sequence

<400> 3898

Asp Ile Phe Ile Ile Asp Glu Asn Thr Lys
 1 5 10

<210> 3899

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
 cadherin-7 cell adhesion recognition sequence

<400> 3899

Asp Asp Glu Asn Thr Gly Lys
 1 5

<210> 3900

<211> 8

4003896 3897 3898 3899 3900

<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
cadherin-7 cell adhesion recognition sequence

<400> 3900
Asp Ile Asp Glu Asn Thr Gly Lys
1 5

<210> 3901
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
cadherin-7 cell adhesion recognition sequence

<400> 3901
Asp Ile Ile Asp Glu Asn Thr Gly Lys
1 5

<210> 3902
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
cadherin-7 cell adhesion recognition sequence

<400> 3902
Asp Phe Ile Ile Asp Glu Asn Thr Gly Lys
1 5 10

<210> 3903
<211> 11
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
cadherin-7 cell adhesion recognition sequence

<400> 3903
Asp Ile Phe Ile Ile Asp Glu Asn Thr Gly Lys
1 5 10

<210> 3904
<211> 6
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on

100666-1030

cadherin-7 cell adhesion recognition sequence

<400> 3904

Glu Asp Glu Asn Thr Lys

1 5

<210> 3905

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-7 cell adhesion recognition sequence

<400> 3905

Glu Ile Asp Glu Asn Thr Lys

1 5

<210> 3906

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-7 cell adhesion recognition sequence

<400> 3906

Glu Ile Ile Asp Glu Asn Thr Lys

1 5

<210> 3907

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-7 cell adhesion recognition sequence

<400> 3907

Glu Phe Ile Ile Asp Glu Asn Thr Lys

1 5

<210> 3908

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-7 cell adhesion recognition sequence

<400> 3908

Glu Ile Phe Ile Ile Asp Glu Asn Thr Lys

1 5 10

F0006869-420304

<210> 3909
 <211> 7
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 cadherin-7 cell adhesion recognition sequence

<400> 3909
 Glu Asp Glu Asn Thr Gly Lys
 1 5

<210> 3910
 <211> 8
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 cadherin-7 cell adhesion recognition sequence

<400> 3910
 Glu Ile Asp Glu Asn Thr Gly Lys
 1 5

<210> 3911
 <211> 9
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 cadherin-7 cell adhesion recognition sequence

<400> 3911
 Glu Ile Ile Asp Glu Asn Thr Gly Lys
 1 5

<210> 3912
 <211> 10
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 cadherin-7 cell adhesion recognition sequence

<400> 3912
 Glu Phe Ile Ile Asp Glu Asn Thr Gly Lys
 1 5 10

<210> 3913
 <211> 11
 <212> PRT
 <213> Artificial Sequence

100569-10304

<220>

<223> Representative cyclic modulating agent based on
cadherin-7 cell adhesion recognition sequence

<400> 3913

Glu Ile Phe Ile Ile Asp Glu Asn Thr Gly Lys
1 5 10

<210> 3914

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-8 cell adhesion recognition sequence

<400> 3914

Glu Asn Asp Val Thr Lys
1 5

<210> 3915

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-8 cell adhesion recognition sequence

<400> 3915

Glu Ile Asn Asp Val Thr Lys
1 5

<210> 3916

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-8 cell adhesion recognition sequence

<400> 3916

Glu Gln Ile Asn Asp Val Thr Lys
1 5

<210> 3917

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-8 cell adhesion recognition sequence

TOCCT 69900T

<400> 3917
 Glu Phe Gln Ile Asn Asp Val Thr Lys
 1 5

<210> 3918
 <211> 10
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 cadherin-8 cell adhesion recognition sequence

<400> 3918
 Glu Ile Phe Gln Ile Asn Asp Val Thr Lys
 1 5 10

<210> 3919
 <211> 7
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 cadherin-8 cell adhesion recognition sequence

<400> 3919
 Glu Asn Asp Val Thr Gly Lys
 1 5

<210> 3920
 <211> 8
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 cadherin-8 cell adhesion recognition sequence

<400> 3920
 Glu Ile Asn Asp Val Thr Gly Lys
 1 5

<210> 3921
 <211> 9
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 cadherin-8 cell adhesion recognition sequence

<400> 3921
 Glu Gln Ile Asn Asp Val Thr Gly Lys
 1 5

<210> 3922

1000669-120201

<211> 10
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 cadherin-8 cell adhesion recognition sequence

<400> 3922
 Glu Phe Gln Ile Asn Asp Val Thr Gly Lys
 1 5 10

<210> 3923
 <211> 11
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 cadherin-8 cell adhesion recognition sequence

<400> 3923
 Glu Ile Phe Gln Ile Asn Asp Val Thr Gly Lys
 1 5 10

<210> 3924
 <211> 6
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 cadherin-8 cell adhesion recognition sequence

<400> 3924
 Asp Asn Asp Val Thr Lys
 1 5

<210> 3925
 <211> 7
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 cadherin-8 cell adhesion recognition sequence

<400> 3925
 Asp Ile Asn Asp Val Thr Lys
 1 5

<210> 3926
 <211> 8
 <212> PRT
 <213> Artificial Sequence

<220>

10006359 120304

<223> Representative cyclic modulating agent based on
cadherin-8 cell adhesion recognition sequence

<400> 3926

Asp Gln Ile Asn Asp Val Thr Lys
1 5

<210> 3927

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-8 cell adhesion recognition sequence

<400> 3927

Asp Phe Gln Ile Asn Asp Val Thr Lys
1 5

<210> 3928

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-8 cell adhesion recognition sequence

<400> 3928

Asp Ile Phe Gln Ile Asn Asp Val Thr Lys
1 5 10

<210> 3929

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-8 cell adhesion recognition sequence

<400> 3929

Asp Asn Asp Val Thr Gly Lys
1 5

<210> 3930

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-8 cell adhesion recognition sequence

<400> 3930

Asp Ile Asn Asp Val Thr Gly Lys

400659 100659 100659

5

<220>
<223> Representative cyclic modulating agent based on
cadherin-8 cell adhesion recognition sequence

```

<400> 3931
Ln Ile Asn Asp Val Thr Gly Lys
      5
<210> 3932
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
      cadherin-8 cell adhesion recognition sequence

```

```

<400> 3932
ne Gln Ile Asn Asp Val Thr Gly Lys
          5                      10

<210> 3933
<211> 11
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
      cadherin-8 cell adhesion recognition sequence

```

```
<210> 3934
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
cadherin-12 cell adhesion recognition sequence
```

| | |
|-------|------|
| <210> | 3935 |
| <211> | 9 |
| <212> | PRT |

<220>

<400> 3935

<210> 3936

<211> 10

<212> PRT

 $\langle 220 \rangle$

<400> 3936

<210> 3937

<211> 7

<212> PRT

 $\langle 220 \rangle$

<400> 3937

<210> 3938

<211> 8

<212> PRT

 $\langle 220 \rangle$

<400> 3938

<210> 3939

<211> 9

<212> PRT

 $\langle 220 \rangle$

<223> Representative cyclic modulating agent based on cadherin-12 cell adhesion recognition sequence

<400> 3939

$\langle 211 \rangle$ 10

<212> PRT

<213> Artificial Sequence

 $\langle 220 \rangle$

<223> Representative cyclic modulating agent based on cadherin-12 cell adhesion recognition sequence

<400> 3940

<210> 3941

<211> 11

<212> PRT

<213> Artificial Sequence

 $\langle 220 \rangle$

<223> Representative cyclic modulating agent based on cadherin-12 cell adhesion recognition sequence

<400> 3941

<210> 3942

<211> 6

<212> PRT

<213> Artificial Sequence

 $\langle 220 \rangle$

<223> Representative cyclic modulating agent based on cadherin-12 cell adhesion recognition sequence

<400> 3942

<210> 3943

<211> 7

<212> PRT

<213> Artificial Sequence

 $\langle 220 \rangle$

<223> Representative cyclic modulating agent based on cadherin-12 cell adhesion recognition sequence

<400> 3943

<210> 3944
 <211> 8
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 cadherin-12 cell adhesion recognition sequence

<400> 3944
 Glu Thr Ile Asp Glu Thr Thr Lys
 1 5

<210> 3945
 <211> 9
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 cadherin-12 cell adhesion recognition sequence

<400> 3945
 Glu Phe Thr Ile Asp Glu Thr Thr Lys
 1 5

<210> 3946
 <211> 10
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 cadherin-12 cell adhesion recognition sequence

<400> 3946
 Asp Val Phe Thr Ile Asp Glu Thr Thr Lys
 1 5 10

<210> 3947
 <211> 7
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 cadherin-12 cell adhesion recognition sequence

<400> 3947
 Glu Asp Glu Thr Thr Gly Lys
 1 5

<210> 3948
 <211> 8
 <212> PRT
 <213> Artificial Sequence

FOOT-59500T

<223> Representative cyclic modulating agent based on cadherin-12 cell adhesion recognition sequence

<400> 3948
Glu Ile Asp Glu Thr Thr Gly Lys
1 5

```
<210> 3949
<211> 9
<212> PRT
<213> Artificial Sequence
```

<223> Representative cyclic modulating agent based on cadherin-12 cell adhesion recognition sequence

<400> 3949
Glu Thr Ile Asp Glu Thr Thr Gly Lys
1 5

```
<210> 3950
<211> 10
<212> PRT
<213> Artificial Sequence
```

<223> Representative cyclic modulating agent based on cadherin-12 cell adhesion recognition sequence

<400> 3950
Glu Phe Thr Ile Asp Glu Thr Thr Gly Lys
1 5 10

```
<210> 3951
<211> 11
<212> PRT
<213> Artificial Sequence
```

<223> Representative cyclic modulating agent based on cadherin-12 cell adhesion recognition sequence

<400> 3951
Glu Val Phe Thr Ile Asp Glu Thr Thr Gly Lys
1 5 10

```
<210> 3952
<211> 7
<212> PRT
<213> Artificial Sequence
```

<223> Representative cyclic modulating agent based on cadherin-14 cell adhesion recognition sequence

<400> 3952

Glu Ile Asp Asp Thr Thr Lys
1 5

<210> 3953
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
cadherin-14 cell adhesion recognition sequence

<400> 3953

Glu Ile Ile Asp Thr Thr Lys
1 5

<210> 3954
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
cadherin-14 cell adhesion recognition sequence

<400> 3954

Glu Phe Ile Ile Asp Asp Thr Thr Lys
1 5

<210> 3955
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
cadherin-14 cell adhesion recognition sequence

<400> 3955

Glu Ile Phe Ile Ile Asp Asp Thr Thr Lys
1 5 10

<210> 3956
<211> 7
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
cadherin-14 cell adhesion recognition sequence

<400> 3956

Glu Asp Asp Thr Thr Gly Lys
1 5

<210> 3957
<211> 8

400555-1000

<212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 cadherin-14 cell adhesion recognition sequence

<400> 3957
 Glu Ile Asp Asp Thr Thr Gly Lys
 1 5

<210> 3958
 <211> 9
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 cadherin-14 cell adhesion recognition sequence

<400> 3958
 Glu Ile Ile Asp Asp Thr Thr Gly Lys
 1 5

<210> 3959
 <211> 10
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 cadherin-14 cell adhesion recognition sequence

<400> 3959
 Glu Phe Ile Ile Asp Asp Thr Thr Gly Lys
 1 5 10

<210> 3960
 <211> 11
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 cadherin-14 cell adhesion recognition sequence

<400> 3960
 Glu Ile Phe Ile Ile Asp Asp Thr Thr Gly Lys
 1 5 10

<210> 3961
 <211> 6
 <212> PRT
 <213> Artificial Sequence

<220>

TOGETHER

<400> 3961
Asp Asp Asp Thr Thr Lys
1 5

<220>
<223> Representative cyclic modulating agent based on
cadherin-14 cell adhesion recognition sequence

<400> 3962
 Asp Ile Asp Asp Thr Thr Lys
 1 5

<220>
<223> Representative cyclic modulating agent based on
cadherin-14 cell adhesion recognition sequence

<400> 3963
Asp Phe Ile Ile Asp Asp Thr Thr Lys
1 5

<220>
<223> Representative cyclic modulating agent based on
cadherin-14 cell adhesion recognition sequence

<400> 3964

Asp Ile Phe Ile Ile Asp Asp Thr Thr Lys
1 5 10

<220>
<223> Representative cyclic modulating agent based on
cadherin-14 cell adhesion recognition sequence

<400> 3965
Asp Asp Asp Thr Thr Gly Lys

5

<220>
<223> Representative cyclic modulating agent based on
cadherin-14 cell adhesion recognition sequence

```

<400> 3966
le Asp Asp Thr Thr Gly Lys
      5

<210> 3967
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
      cadherin-14 cell adhesion recognition sequence

```

```

<400> 3967
le Ile Asp Asp Thr Thr Gly Lys
          5

<210> 3968
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
      cadherin-14 cell adhesion recognition sequence

```

```

<400> 3968
ne Ile Ile Asp Asp Thr Thr Gly Lys
          5          10

<210> 3969
<211> 11
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
      cadherin-14 cell adhesion recognition sequence

```

```

<400> 3969
Le Phe Ile Ile Asp Asp Thr Thr Gly Lys
          5                      10

<210> 3970
<211> 6
<212> PRT

```

<220>

<400> 3970

<210> 3971

<211> 7

<212> PRT

<220>

<400> 3971

<210> 3972

$\langle 211 \rangle$ 6

<212> PRT

 $\langle 220 \rangle$

<400> 3972

<210> 3973

<211> 7

<212> PRT

<220>

<400> 3973

<210> 3974

<211> 8

<212> PRT

<220>

<223> Representative cyclic modulating agent based on
cadherin-14 cell adhesion recognition sequence

<400> 3974

<210> 3975

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on cadherin-14 cell adhesion recognition sequence

<400> 3975

<210> 3976

<211> 7

<212> PRT

<213> Artificial Sequence

 $\langle 220 \rangle$

<223> Representative cyclic modulating agent based on cadherin-14 cell adhesion recognition sequence

<400> 3976

<210> 3977

<211> 8

<212> PRT

<213> Artificial Sequence

 $\langle 220 \rangle$

<223> Representative cyclic modulating agent based on cadherin-14 cell adhesion recognition sequence

<400> 3977

<210> 3978

<211> 5

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on cadherin-14 cell adhesion recognition sequence

<400> 3978

sp Pro L:

100

<210> 3979
 <211> 6
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 cadherin-14 cell adhesion recognition sequence

<400> 3979
 Lys Asp Pro Lys Thr Asp
 1 5

<210> 3980
 <211> 7
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 cadherin-14 cell adhesion recognition sequence

<400> 3980
 Lys Asp Pro Lys Thr Gly Asp
 1 5

<210> 3981
 <211> 5
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 cadherin-14 cell adhesion recognition sequence

<400> 3981
 Lys Asp Ala Asn Asp
 1 5

<210> 3982
 <211> 6
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 cadherin-14 cell adhesion recognition sequence

<400> 3982
 Lys Ile Asp Ala Asn Asp
 1 5

<210> 3983
 <211> 7
 <212> PRT
 <213> Artificial Sequence

4006969 1006969

<220>

<223> Representative cyclic modulating agent based on
cadherin-14 cell adhesion recognition sequence

<400> 3983

Lys Asn Ile Asp Ala Asn Asp
1 5

<210> 3984

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-14 cell adhesion recognition sequence

<400> 3984

Asp Ile Asp Ala Asn Lys
1 5

<210> 3985

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-14 cell adhesion recognition sequence

<400> 3985

Asp Asn Ile Asp Ala Asn Lys
1 5

<210> 3986

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-14 cell adhesion recognition sequence

<400> 3986

Asp Phe Asn Ile Asp Ala Asn Lys
1 5

<210> 3987

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-14 cell adhesion recognition sequence

<400> 3987

4005359 12044

<210> 3988
<211> 5
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
cadherin-14 cell adhesion recognition sequence

```

    <400> 3988
Lys Asp Pro Lys Glu
  1           5

    <210> 3989
    <211> 6
    <212> PRT
    <213> Artificial Sequence

    <220>
    <223> Representative cyclic modulating agent based on
          cadherin-14 cell adhesion recognition sequence

```

```

    <400> 3989
Lys Asp Pro Lys Thr Glu
  1             5

    <210> 3990
    <211> 7
    <212> PRT
    <213> Artificial Sequence

    <220>
    <223> Representative cyclic modulating agent based on
           cadherin-14 cell adhesion recognition sequence

```

```

<400> 3990
Lys Asp Pro Lys Thr Gly Glu
  1             5

<210> 3991
<211> 6
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
      cadherin-14 cell adhesion recognition sequence

```

```

      <400> 3991
Lys  Ile  Asp  Ala  Asn  Glu
  1                               5

      <210> 3992
      <211> 7

```

<212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 cadherin-14 cell adhesion recognition sequence

<400> 3992
 Lys Asn Ile Asp Ala Asn Glu
 1 5

<210> 3993
 <211> 8
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 cadherin-14 cell adhesion recognition sequence

<400> 3993
 Lys Phe Asn Ile Asp Ala Asn Glu
 1 5

<210> 3994
 <211> 8
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 cadherin-15 cell adhesion recognition sequence

<400> 3994
 Asp Ser Ile Asp Lys Phe Thr Lys
 1 5

<210> 3995
 <211> 9
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 cadherin-15 cell adhesion recognition sequence

<400> 3995
 Asp Phe Ser Ile Asp Lys Phe Thr Lys
 1 5

<210> 3996
 <211> 10
 <212> PRT
 <213> Artificial Sequence

<220>

1006859 120304

<223> Representative cyclic modulating agent based on
cadherin-15 cell adhesion recognition sequence

<400> 3996
Asp Val Phe Ser Ile Asp Lys Phe Thr Lys
1 5 10

<210> 3997
<211> 6
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
cadherin-15 cell adhesion recognition sequence

<400> 3997
Asp Asp Lys Thr Gly Lys
1 5

<210> 3998
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
cadherin-15 cell adhesion recognition sequence

<400> 3998
Asp Ile Asp Lys Phe Thr Gly Lys
1 5

<210> 3999
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
cadherin-15 cell adhesion recognition sequence

<400> 3999
Asp Ser Ile Asp Lys Phe Thr Gly Lys
1 5

<210> 4000
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
cadherin-15 cell adhesion recognition sequence

<400> 4000
Asp Phe Ser Ile Asp Lys Phe Thr Gly Lys

TOP SECRET 6350001

```
<210> 4001
<211> 11
<212> PRT
<213> Artificial Sequence
```

<400> 4001

```
<210> 4002
<211> 6
<212> PRT
<213> Artificial Sequence
```

<400> 4002

```
<210> 4003
<211> 7
<212> PRT
<213> Artificial Sequence
```

<400> 4003

```
<210> 4004
<211> 8
<212> PRT
<213> Artificial Sequence
```

<400> 4004

| | |
|-------|------|
| <210> | 4005 |
| <211> | 9 |
| <212> | PRT |

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-15 cell adhesion recognition sequence

<400> 4005

Glu Phe Ser Ile Asp Lys Phe Thr Lys
1 5

<210> 4006

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-15 cell adhesion recognition sequence

<400> 4006

Glu Val Phe Ser Ile Asp Lys Phe Thr Lys
1 5 10

<210> 4007

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-15 cell adhesion recognition sequence

<400> 4007

Glu Asp Lys Phe Thr Gly Lys
1 5

<210> 4008

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-15 cell adhesion recognition sequence

<400> 4008

Glu Ile Asp Lys Phe Thr Gly Lys
1 5

<210> 4009

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
cadherin-15 cell adhesion recognition sequence

4005006007008009

<400> 4009
 Glu Phe Ser Ile Asp Lys Phe Thr Gly Lys
 1 5 10

<210> 4010
 <211> 11
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 cadherin-15 cell adhesion recognition sequence

<400> 4010
 Glu Val Phe Ser Ile Asp Lys Phe Thr Gly Lys
 1 5 10

<210> 4011
 <211> 6
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 T-cadherin cell adhesion recognition sequence

<400> 4011
 Asp Asn Glu Asn Thr Lys
 1 5

<210> 4012
 <211> 7
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 T-cadherin cell adhesion recognition sequence

<400> 4012
 Asp Ile Asn Glu Asn Thr Lys
 1 5

<210> 4013
 <211> 8
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 T-cadherin cell adhesion recognition sequence

<400> 4013
 Asp Arg Ile Asn Glu Asn Thr Lys
 1 5

4006369 400404

<210> 4014
 <211> 9
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 T-cadherin cell adhesion recognition sequence

<400> 4014
 Asp Phe Arg Ile Asn Glu Asn Thr Lys
 1 5

<210> 4015
 <211> 10
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 T-cadherin cell adhesion recognition sequence

<400> 4015
 Asp Ile Phe Arg Ile Asn Glu Asn Thr Lys
 1 5 10

<210> 4016
 <211> 7
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 T-cadherin cell adhesion recognition sequence

<400> 4016
 Asp Asn Glu Asn Thr Gly Lys
 1 5

<210> 4017
 <211> 8
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 T-cadherin cell adhesion recognition sequence

<400> 4017
 Asp Ile Asn Glu Asn Thr Gly Lys
 1 5

<210> 4018
 <211> 9
 <212> PRT
 <213> Artificial Sequence

10006369-120304

<220>

<223> Representative cyclic modulating agent based on
T-cadherin cell adhesion recognition sequence

<400> 4018

Asp Arg Ile Asn Glu Asn Thr Gly Lys
1 5

<210> 4019

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
T-cadherin cell adhesion recognition sequence

<400> 4019

Asp Phe Arg Ile Asn Glu Asn Thr Gly Lys
1 5 10

<210> 4020

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
T-cadherin cell adhesion recognition sequence

<400> 4020

Asp Ile Phe Arg Ile Asn Glu Asn Thr Gly Lys
1 5 10

<210> 4021

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
T-cadherin cell adhesion recognition sequence

<400> 4021

Glu Asn Glu Asn Thr Lys
1 5

<210> 4022

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
T-cadherin cell adhesion recognition sequence

<400> 4022

1006869 120304

Glu Ile Asn Glu Asn Thr Lys
1 5

<210> 4023
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
T-cadherin cell adhesion recognition sequence

<400> 4023

Glu Arg Ile Asn Glu Asn Thr Lys
1 5

<210> 4024
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
T-cadherin cell adhesion recognition sequence

<400> 4024

Glu Phe Arg Ile Asn Glu Asn Thr Lys
1 5

<210> 4025
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
T-cadherin cell adhesion recognition sequence

<400> 4025

Glu Ile Phe Arg Ile Asn Glu Asn Thr Lys
1 5 10

<210> 4026
<211> 7
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
T-cadherin cell adhesion recognition sequence

<400> 4026

Glu Asn Glu Asn Thr Gly Lys
1 5

<210> 4027
<211> 8

13021693001

<212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 T-cadherin cell adhesion recognition sequence

<400> 4027
 Glu Ile Asn Glu Asn Thr Gly Lys
 1 5

<210> 4028
 <211> 9
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 T-cadherin cell adhesion recognition sequence

<400> 4028
 Glu Arg Ile Asn Glu Asn Thr Gly Lys
 1 5

<210> 4029
 <211> 10
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 T-cadherin cell adhesion recognition sequence

<400> 4029
 Glu Phe Arg Ile Asn Glu Asn Thr Gly Lys
 1 5 10

<210> 4030
 <211> 11
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 T-cadherin cell adhesion recognition sequence

<400> 4030
 Glu Ile Phe Arg Ile Asn Glu Asn Thr Gly Lys
 1 5 10

<210> 4031
 <211> 6
 <212> PRT
 <213> Artificial Sequence

<220>

1006669 4030

<223> Representative cyclic modulating agent based on
T-cadherin cell adhesion recognition sequence

<400> 4031
Val Asn Glu Asn Thr Gly
1 5

<210> 4032
<211> 7
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
T-cadherin cell adhesion recognition sequence

<400> 4032
Arg Ile Asn Glu Asn Thr Gly
1 5

<210> 4033
<211> 6
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
T-cadherin cell adhesion recognition sequence

<400> 4033
Phe Arg Ile Asn Glu Asn
1 5

<210> 4034
<211> 7
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
T-cadherin cell adhesion recognition sequence

<400> 4034
Phe Arg Ile Asn Glu Asn Thr
1 5

<210> 4035
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
T-cadherin cell adhesion recognition sequence

<400> 4035
Phe Arg Ile Asn Glu Asn Thr Gly

T00594T 63500T

1

5

<210> 4036
 <211> 7
 <212> PRT
 <213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
 T-cadherin cell adhesion recognition sequence

<400> 4036

Ile Phe Arg Ile Asn Glu Asn

1

5

<210> 4037
 <211> 8
 <212> PRT
 <213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
 T-cadherin cell adhesion recognition sequence

<400> 4037

Ile Phe Arg Ile Asn Glu Asn Thr

1

5

<210> 4038
 <211> 9
 <212> PRT
 <213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
 T-cadherin cell adhesion recognition sequence

<400> 4038

Ile Phe Arg Ile Asn Glu Asn Thr Gly

1

5

<210> 4039
 <211> 5
 <212> PRT
 <213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
 PB-cadherin cell adhesion recognition sequence

<400> 4039

Cys Asp Glu Leu Cys

1

5

<210> 4040
 <211> 6
 <212> PRT

1005559 40304

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
PB-cadherin cell adhesion recognition sequence

<400> 4040

Cys Asp Glu Leu Thr Cys
1 5

<210> 4041

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
PB-cadherin cell adhesion recognition sequence

<400> 4041

Cys Asp Glu Leu Thr Gly Cys
1 5

<210> 4042

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
PB-cadherin cell adhesion recognition sequence

<400> 4042

Cys Ile Asp Glu Leu Cys
1 5

<210> 4043

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
PB-cadherin cell adhesion recognition sequence

<400> 4043

Cys Ile Asp Glu Leu Thr Cys
1 5

<210> 4044

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Representative cyclic modulating agent based on
PB-cadherin cell adhesion recognition sequence

40042-698900F

<400> 4044
Cys Ile Asp Glu Leu Thr Gly Cys
1 5

<210> 4045
<211> 5
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
PB-cadherin cell adhesion recognition sequence

<400> 4045
Cys Asp Pro Lys Cys
1 5

<210> 4046
<211> 6
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
PB-cadherin cell adhesion recognition sequence

<400> 4046
Cys Asp Pro Lys Thr Cys
1 5

<210> 4047
<211> 7
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
PB-cadherin cell adhesion recognition sequence

<400> 4047
Cys Asp Pro Lys Thr Gly Cys
1 5

<210> 4048
<211> 6
<212> PRT
<213> Artificial Sequence

<220>
<223> Representative cyclic modulating agent based on
PB-cadherin cell adhesion recognition sequence

<400> 4048
Cys Val Asp Pro Lys Cys
1 5

TELETYPE UNIT

<210> 4049
 <211> 7
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 PB-cadherin cell adhesion recognition sequence

<400> 4049
 Cys Val Asp Pro Lys Thr Cys
 1 5

<210> 4050
 <211> 8
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative cyclic modulating agent based on
 PB-cadherin cell adhesion recognition sequence

<400> 4050
 Cys Val Asp Pro Lys Thr Gly Cys
 1 5

<210> 4051
 <211> 4
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative linear modulating agent based on
 OB-cadherin cell adhesion recognition sequence

<400> 4051
 Ile Asp Asp Lys
 1

<210> 4052
 <211> 9
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Representative linear modulating agent based on
 cadherin-related neuronal recepotr cell adhesion
 recognition sequence

<400> 4052
 Lys Phe Leu Ile Asn Glu Lys Thr Gly
 1 5

1006369 40001

THIS PAGE BLANK (USPTO)

100689-120301